Social Impact Assessment Study FINAL BEPORT

19.01.2020

Submission DISTRICT COLLECTOR, ERMANDAM Perumbavoor Bypass Road 1st Phase





SIA UNIT

Youth Social Service Organisation Social Service Centre College P.O, Kothamangalam-686666 Phone: 0485 2971222, 9446510628 Website: ysso.net, Email: ysso95@gmail.com **Social Impact Assessment Study**

FINAL REPORT

Perumbavoor Bypass Road-1st Phase

- **District : Ernakulam**
- Taluk : Kunnathunadu
- Village : Perumbavoor

Submission

District Collector, Ernakulam Special Tahsildar, (L.A.) General RBDCK

SIA Unit

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Executive Director Fr. Jose Paruthuvayalil

DECLARATION

As per Kerala Gazatte notification No.G.O (P) No. 80/2019/RD dated 19/11/2019. From District Administration, Ernakulam, Youth Social Service Organization is assigned as the SIA Unit to study the Social impact Assessment of Land Acquisition for, Perumbavoor Bypass Road-1stPhaseto be constructed under RBDCK. The land details are given to the SIA team by Special Tahasildar Office (L.A) General, Ernakulam. The SIA team has collected data from the project affected families and the stake holders at Perumbavoor Bypass Road-1stPhaseto be constructed under RBDCK, the proposed project area. The supportive documents have to be verified by the concerned authorities.

Chairman,

SIA Unit

Youth Social Service Organisation

Ernakulam 19 /01/2020



FORM NO.6

[See Rule 15(5)]

PERUMBAVOOR BYPASS ROAD - 1st PHASE

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CHAPTER 1

SUMMARY OF THE STUDY

1.1 INTRODUCTION: PROJECT AND ITS OBJECTIVES

This report talks about social impact on people who provided land for Perumbavoor Bypass Road-1st Phase in Ernakulam District. The increasing traffic issues in Perumbavoor city demands a Bypass Road.

Ernakulam- lying in the middle portion of the state comprises area from 10 degree north to the latitude and 76 degree east. It shares its border in north with Trissur district, south west with Alappuzha, east with Idukki District and south with Kottayam district. Some of the major townships in this district are Piravom, Angamali, Aluva, Perumbavoor, Kalamassery, North Paravoor, Vypin, Kochi, Ernakulam. Thrikkakara. Thrippunithura, Kunnathunadu, Moovattupuzha, Kothamangalam. And this district has 6 rivers flowing across connecting Idukki district in the east and Trissur district in north. The land of this district has coastal region, plains and forest and mountains and is divided as lower land, midland and higher land respectively. The district has 3140.756 kms of road including 256.854 kms of National Highway and 325.206 kms of State Highway.

Perumbavoor Municipality was formed in 1936, which was one among the 4 panchayats allotted by Sir. C.P. RamaswamiIyyer, Diwan of Travancore. Perumbavoor is a municipality of Ernakulam district and a satellite township of Kochi city, which is north eastern tail end of Greater Kochi region and capital of Kunnathunadu Taluk. It is famous for its timber business and small scale businesses. This town is situated to the centre of Angamaly - Moovattupuzha Main Central Road (MC Road), which passes through medieval town of Travancore and connects Thiruvananthapuram – Angamali Road. And it is on the shore of Periyar & MoovattupuzhaRivers. On 1st January 1953, Perumbavoor was raised as Municipality town, which has Ernakulam 30 km to its south west. Its major centre is the point where Aluva- Munnar road, Main Central Road & old MC Road meets. Other important roads are A.M Road, P.P. Road & K.S.R.T.C. Road. It has a plain land comparatively, and attracts lot of tourists due to its peculiarities.

Kerala's transportation facilities need to be improved for its development. The statement, "Roads are veins of India" depicts importance of roads in the development of India. But in Perumbavoor, people struggle to reach to Municipality Office, Civil station, Taluk Hospital Educational institutions due to heavy traffic issues. Even long route travelers are under pressure due to this traffic. This will have a solution when this bypass comes into use.

RBDCK

RBDCK aims to construct basic transportation amenities like roads, flyovers, bridges etc. to increase productivity and financial effectiveness of transportation. This will have an important role in Kerala's holistic development. RBDCK is a corporation under Kerala Government, established on 23rd September 1999 under 1956 Company Act, which comes under Kerala Government's Public Works Department. It handles land-road projects, movable & immovable properties including railways. Its major activities include construction, management and handling of highways, Roads, Bypasses, Bridges; Over Bridges etc. its head office is in Kochi and regional office in Thiruvananthapuram.

1.2 THE AFFECTED REGION

269.02 Are of land - public & private in Perumbavoor village of Kunnathunadu Taluk in Ernakulam District is the area required for the bypass road. This land is in 106, 112, 113, 117 blocks numbers of Perumbavoor village. This area has 3 houses, among which one is built in a wasteland. And it includes fields, trees, land of Devaswom etc too.

1.3 AREA AND BENEFITS OF THE LAND ACQUISITION

269.02 Are of land - public & private in Perumbavoor village of Kunnathunadu Taluk in Ernakulam District is the area required for the bypass road. The suggested bypass to Aluva-Munnar road in Perumbavoor town is on SH-16. It starts nearby Palakkattuthazham bridge on Aluva-Munnar road and ends nearby Maruthukavala on Perumbavoor-Kothamangalam road. This bypass route excludes Perumbavoor town from Aluva-Munnar road by connecting Vattakkattupadi Junction to MC Road, and from Kothamangalam-Perumbavoor route. It connects Palakkattuthazham junction- western end of Perumbavoor town to Maruthukavala on AluvaMunnar Road.

1.4 ALTERNATE METHODS SUGGESTED

A better alternate route or location suitable for this project is not identified or suggested.

1.5 SOCIAL IMPACTS AND STEPS TO REDUCE THEM

When we analyze the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Re-settlement Act, 2013, it is concluded that social impacts can be managed through legal compensatory measures.

SI. No.	Expected loss	Approach	Possible reduction measures
1.	Loss of house	Re-settlement and compensation	Re-settlement and compensation
2.	Loss of entrance to rest of the land	Control	Re-settlement of entrances
3.	Loss of trees	Compensation and Control	Provide adequate compensation and plant same no. of trees in private or public land
4.	Sound, atmosphere pollution, dust etc	Control	Include in the blueprint of impact reduction measures
5.	Delay in land acquisition and compensation distribution	Effective monitoring and control	Distribution of compensation before land acquisition
6.	Include the affected	Control	Ensure participation of the

	through land acquisition measures		affected in proceedings
7	Grievance redressal	Control	Functioning of efficient grievance redressal committees at district and panchayat level

CHAPTER 2

DETAILS OF THE STUDY

2.1 BACKGROUND AND LOGIC OF THE PROJECT

This chapter includes details related to Perumbavoor Bypass Road-1stPhase. The projects public goals and expenditure are included in this chapter.

2.2 DETAILS OF LOCATION, SIZE, OBJECTIVES AND EXPENDITURE OF THE PROJECT

Increased passanger & freight transportation at Cochin International Airport, rise in the commercial businesses, influx of foreigners to eastern places etc have considerable impact on increasing traffic issues on Aluva- Munnar road. The expansion plans for airport will increase road transportation and thereby traffic issues too. Foreseeing these issues, Kerala government entrusted RBDCK to construct a bypass in Perumbavoor. RBDCK has studied current traffic issues and analyzed them before suggesting new route.

OBJECTIVES

It is expected to reduce traffic issues in Perumbavoor town through the construction of Perumbavoor Bypass-1stPhase. It will reduce the accident rates too. This bypass will be a route around a village instead of passing through narrow roads through the village. Its objectives include Reduction of Rush, Improving Safety & Security, Environmental Sustainability, Reduction of Damages to Infrastructures etc.

This bypass lies across three major roads namely, Perumbavoor-Puthenkurishu road, Main Central road and old MC road and joins with Aluva-Munnar road nearby Maruthukavala. The Bypass Construction is essential for the regular Passengers travelling from Aluva and Kothamangalam towards Puthenkurishu. Because this is profitable when compared to the distance covered while using SH-16. This bypass splits from Pathippalam on Perumbavoor- Puthenkurishu road, and will remove Perumbavoor town from its route.

2.3 AUTHORISED BASIS OF PROJECT

- State Govt. entrusted the Revenue Dept. with the acquisition of land as per the rules and regulation of the new Act of 2013 and handing over to the RBDCK
- As per Notification No. 2851 of Volume 8 of Special Gazette dated November 21, 2019 of Kerala Govt. Youth Social Service Organisation was authorized to conduct a social impact study as per the laws and statutes of 2013, Act and submit a social impact study Report and counter impact implementation Plan.
- For the Perumbavoor Bypass Road-1stPhase, Social impact study was conducted in 269.02 Are of land.
- Dispensation of compensation prior to land acquisitional as per 2013, Act is the demand of the impacted stakeholders.
- The RBDCK Dept. shall be the Finance Authority and the Special Tahasildar (L.A) General shall be the Land Acquisition Officer.

2.4 RATIONALE OF THE PROJECT

The prior requirement for a region's development and growth is the availability of basic infrastructure. RBDCK enters into this project with the aim of improving transportation facilities by constructing Ring Roads, Over bridges, Flyovers, bridges etc.

Perumbavoor- one among the major townships in the district is also facing same issue as that of other towns. Our towns are mainly affected by the traffic signals. Even at the junction of 3 roads we can see lengthy queue of vehicles. This is not only an issue to drivers but businessmen and other officials too. Such queues are affecting transportation of nearby villages also. This bypass around Perumbavoor town is the best possible solution to the time loss and fuel loss due to traffic issues.

The Proposed Bypass is passing through Aluva- Munnar road (SH-16). The first Phase of the Perumbavoor Bypass Road construction is starting near the Maruthukavala

2.5 ALTERNATIVE ROUTES CONSIDERED

Alternative routes are not applicable in the case of the said project

2.6 WORK FORCE REQUIREMENTS

In order that the project be completed successfully on the estimated time, it is imperative to ensure availability of the required diverse skilled manpower in the initial execution phase and work should eventually be finished as per schedule. For this purpose, most modern equipment and expert engineers are necessarily essential. Therefore, once work has begun, it should go on uninterrupted until the project is completed. It is expected that the locals as well as outsiders will get work opportunities during the project execution phase.

2.7 THE PROJECT'S CONSTRUCTION PROGRESS

The construction of Perumbavoor Bypass Road-1stPhaseProject has not started yet.

2.8 NECESSITY OF TRANSPORTATIONRELATED FACILITIES

Kerala has a good transport chain, and have connected different means of transport- roadways, railways, airways and waterways efficiently. Kerala have transformed herself into one among the best commercial & tourist centre not only in India but around the globe. Most people depend on the roadways as it is cheaper and easier. But population growth and increase in vehicles accelerates traffic issues and accidents at an alarming rate. Current undeveloped roads and lack of alternate solution point to the requirement of this project implementation.

AFTER EFFECTS OF POOR TRANSPORTATION RELATED FACILITIES

- Traffic issues
- Exploitation of non-renewable resources like Petrol, Diesel, other fuels
- Air/ water/ noise pollution
- Loss of time
- Difficulties to passengers
- Road accidents and deaths
- Difficulty to maintain punctuality of emergency services like Ambulance, Fire force etc.

2.9 PUBLIC RELEVANCE OF THE PROJECT

Perumbavoor Bypass Road1st Phase Project being the subject of this social impact assessment study and require land acquisition is aimed at infrastructure development for Kerala's economic development.

2.10 ENVIRONMENT IMPACT ASSESSMENT DETAILS

As the Perumbavoor Bypass Phase I, meant for public utility, opens up new vistas in road transport development field, it has been expected to receive rather great acceptability than environmental impact.

- Should ensure eco friendly construction
- Should protect natural resources
- A committee should formed to prevent any harm to the environment during after construction

2.11 PREVIOUS STUDIES

No previous studies have been conducted Perumbavoor Bypass Road 1st Phase Project and the present study organized by the Youth Social Service Organisation can well be deemed as the first of its kind in this regard.

2.12 ACTS AND RULES AFFECTING THE PROJECT

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:

SI. No.	Acts and Rules	Affected area
1.	The Right to Fair Compensation and Transparency in land Acquisition, Rehabilitation and Resettlement Act and Rules	Impact reduction
2.	Land Acquisition Acts & Rules Rehabilitation & resettlement act of the government Right to Information act 2005 Rights of Persons with Disabilities Act 2016	Land acquisition Rehabilitation and Re-settlement

RIGHT TO INFORMATION ACT 2005

For the effective functioning of democratic processes in a nation, informed citizens are a prerequisite. The Right to information Act 2005 is aimed to strengthen the democratic process by public participation through citizens' empowerment, ensuring transparency and responsibility in governance and prevent corruption. This is an act giving information regarding activities of government to the citizens.

RIGHTS OF PERSONS WITH DISABILITIES ACT 2016

Rights of Persons with Disabilities Act 2016 came into being for socially and economically empowering persons with disabilities. On one hand it promotes equality and participation and the other hand it eradicates all discriminations.

CHAPTER 3

UNIT, APPROACH AND RATIONALE OF THE STUDY

3.1 BACKGROUND

As per G.O (P) No. 80/2019/RD dated 19/11/2019, Youth Social Service Organization, Social Service Centre, College P.O, Kothamangalam is assigned to conduct Social Impact Assessment study on Perumbavoor Bypass Road-1st Phase Project. This study unit is responsible to assess social impacts of the project.

3.2 DETAILS OF THE STUDY UNIT

The data collection for the social impact assessment study and their integration was done under Team Director of Youth Social Service Organization by a group of 6 experienced members. Services of experts from development and legal sector have been availed for the study and report preparation. And, revenue official helped to identify the affected areas.

SI. No.	Name	Designation, Eligibility and Experience
1.	Jose Paruthuvayalil	MSW, Director, 22 years experience in SIA unit
2.	Kuriakose George	Project Coordinator, LLB, 15 years experience in development sector
3.	Baiju PT	Research Associate, MSW, 10 years experience in development sector
4.	SavithaSajeesh	Research Associate, BA, 2 years experience in development sector
5.	Jinu Joseph	Research Associate, B.Com, ICW, 2 years experience in development sector
6.	Mini Jibish	Research Associate, BA, 2 years experience in development sector

3.3 SOCIAL IMPACT ASSESSMENT STUDY AND PREPARATION OF IMPLEMENTING PLAN

Acquisition of land and properties affects social and economic sustainability, social impact study and properly planned rehabilitation programs should be done. Rehabilitation plans should establish livelihood programs of the affected people same as before the land acquisition. The study unit has conducted the preparations for the social impact assessment with these obligations as priority.

Figure 3.1 shows the approach and rationale of the study in a flowchart. And stages of the study are listed below.

FIGURE 3.1: SOCIAL IMPACT ASSESSMENT STUDY DESIGN AND METHOD

Stage 1: Activities before study

Social Analysis and pilot meeting	Pilot survey and beginning of external works
 Detailed project analysis Preparation of the project blueprint RFCT in LARR Act 2013 State laws on land acquisition 	 Pilot study Preparation and checking of survey tools Identifying the groups for data collection Finalizing the pilot report

Stage 2: Data collection methods and implementation

The affected families/people/society	Facilities required for the project
• Training for the field staff	• Analysis of legal rules and regulations
• Data collection from the affected family members	 Analysis of rehabilitation programs with local officials
Discussions with officials of	 Data analysis

concerned departments	• Draft of collected data, their analysis
	and impact assessment

Stage 3: Activities after survey and blueprint of the analysis

Tabulation of the collected data and blueprint of analysis	Concerns on the Social Impact Assessment Study
• Integration, categorization of data	• Organize public hearing
Finalization of the reportAnalysis of the collected data	• Meeting and discussions on study findings with affected people
 Preparation and submission of the draft report of the social impact 	• Analysis and opinions of concerned officials
assessment study	• Integration of the opinions and submission of final report

3.4 DESK RESEARCH

Study Team examined the relevant documents, Reports, Project Plans etc. in details.

3.5 SECONDARY DATA

Secondary data was prepared from the studies conducted earlier and concerned departments. The study unit could realize the social economic and cultural circumstances of the affected people through the social impact assessment study.

3.6 THE AFFECTED AREA VISIT AND PROJECT AWARENESS CAMPAIGNS

Field visit and pilot study of socio economic survey was conducted before the detailed study of social impact assessment. Responses of the affected people were documented while conversing with them. The unit made adequate additions and corrections in the interview schedule. As the area of the study and affected people were identified, primary data was collected from the concerned in November, December & January 2019, and the report was prepared by integrated analysis of the collected data.

PROJECT AREA



3.7 EVALUATION OF CIRCUMSTANCES

The data collected where analyzed and studied, and where modified as per new information was generated. The study unit has taken required measures before data collection to prevent errors.

MEETING WITH MLA



MEETING WITH MUNICIPAL CHAIRPERSON



MEETING WITH MUNICIPAL COUNCILOR



3.8 LIMITATIONS OF THE STUDY

RFCT in LARR Act 2013 is an act ensures adequate Compensation, Transparency, Rehabilitation and Re-settlement. While conducting the assessment of social impacts of this project, our team faced following issues:

- The team had to visit the houses of owners multiple times for collecting data. Many owners are living quite distance away and in foreign countries. We had to contact them quite many times to collect these data.
- 90% of the affected area is not used for residential purpose.

3.9 SCHEDULE OF CONSULTATIONS WITH KEY STAKE HOLDERS

Table 3.1 contains the socio-economic impact on the parties who are to be compensated for giving up land for the Project.

SI. No.	Name and address	Survey No.	Problems/requirements put forward
1.	Leela Iype Mukkanamcheri, Maruthukavala, Perumbavoor P.O,	Block No. 117 31 45	Informed that the land was used for agriculture and hence owner is expecting adequate compensation

TABLE 3.1: DETAILS OF PROPERTIES AFFECTED

	Perumbavoor-683542		from the officials
2.	Issac Iype Mukkanamcheri, Maruthukavala, Perumbavoor P.O, Perumbavoor-683542	Block No. 117 46 45	Informed that the land was used for agriculture. The land has almost 30 Teak trees & 40 Nutmeg trees and hence owner is expecting adequate compensation from the officials Problems raised at the Public Hearing Loss of just a small portion of the land
3.	Manikkutti & Keerthi Madathumaalil, OM Road, Perumbavoor P.O, Perumbavoor-683542	Block No. 117 25	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
4.	Simon Paul Mukulathu, Maruthukavala Perumbavoor	Block No. 117 12	Informed that the land was used for agriculture and has a well in it. Requested not to damage the well, as drinking water availability is reducing. Owner is expecting adequate compensation.
5.	Indira Devi Mayavilasathil Perumbavoor	Block No. 113 12,15	Agreed to provide land Problems raised at the Public Hearing Expressed anxiety about water levels in wells due to the project.
6.	Perumbavoor Devaswom	Block No. 112	Manager informed that he is unaware of details regarding land. He did not attend the public hearing
7.	Sreekumar, Pournami, Cherukunnam,	Block No. 112 12	The affected land is household area. Owner I ready to provide land if

	Ashamannur		adequately compensated. He did not attend the public hearing.
8.	Suni. Sangeeth, Santhosh, Surya Santhosh Madathumali Perumbavoor P.O, Perumbavoor., Near KSRTC-683542	Block No. 117 25	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
9.	SandhyaSanthosh Kochuveetil, Ilambra, Nellikkuzhi PO, Kothamangalam-686691	Block No. 117 25	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
10.	SaradaRajappan Madathumali, Perumbavoor P.O. Perumbavoor-683542	Block No. 117 25	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
11.	Leela Sivan Madathumali, Perumbavoor P.O, Perumbavoor-683544	Block No. 117 25	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
12.	Rajesh Vijayan Narayaneeyam (H) Edappilly North		Agreed to provide land
13.	LalithaRajan Vadakkeveed Mahatma Nagar Perumbavoor P.O, KSRTC Road - 683542	Block No. 117 12-2,13-3	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
14.	SarasammaMohanan Madathumali, Perumbavoor P.O, Mahatma Nagar,	Block No. 117 25	Informed consent to surrender land provided assurance from the concerned authorities of

	Number A, Perumbavoor -683542		fair compensation
15.	Santhosh Kumar T.K. Thekkinethmaali House Near Post Office Perumbavoor-683542	Block No. 117 72	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
16.	Sheela Varghese MukkanamcheriHouse Maruthukavala Perumbavoor 683542	Block No. 117 36, 37/2	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
17.	Jessi Isaac Mukkanamcheril House Maruthukavala. Perumbavoor-683542	Block No. 117 10	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
18.	SalomiBabu Manjalikudi House Perumbavoor-683542	Block No. 117 44	The affected land has a pond in it. As the owned land is waste land, owner is ready to provide land if adequately compensated. He did not attend the public hearing.
19.	M.V Joseph MukkanamcherilHouse Near AVJM Hospital Perumbavoor - 683542	Block No. 117 70	There are Arecanut trees, Coconut trees etc and are generating income. Hence land can be provided if adequately compensated.
20	Anna George Mukkanamcheril House Maruthukavala. Perumbavoor - 683542	Block No. 117 32, 33	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
21.	Saramma Paulose Arakkadayil House, Allapra, Vengole	Block No. 117 11, 25	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
22.	SheebaRamachandran & P.R.Ramachandran,	Block No. 117	The land was baught for future construction

	Puthiyedath House, Maruhtukavala, Souparnika Lane, Perumbavoor P.O. Pin-683542		purpose. So, it can be provided for the project if adequately compensated. Requested to complete the construction soon. Problems raised at the
			Public Hearing. Total area of land is 60 cents. Not yet known how much land to be surrendered. Ready to give land, being for a public developmental activity. She appealed to implement the project as soon as possible giving the necessary privileges to the impacted persons in order that Perumbavoor town may be rid of the ever troublesome traffic block.
23.	Sajeev M. Jacob Mukkanamcheri lHouse Maruthukavala, Perumbavoor - 683542	Block No. 113 9, 14	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
24	Sadasivan KarattukudiHouse, Koovappadi PO, Koovappadi, Perumbavoor-683542	Block No. 113	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
25.	Sankar M C/o S Madhavan Kutti Nair, Janaki Mandiram Near KSRTC/ IMA House, Perumbavoor- 683542	Block No. 113 16, 17	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
26	Sajeed Ibrahim Cheerakkudi House,	Block No. 113	As the land acquisition affects socio- economic life of the public, land can be

	Allapra P.O., Perumbavoor- 683556	13	provided if adequately compensated.
27.	Subramanian MadappurathHouse Aimuri PO, Perumbavoor- 683544	Block No. 113 7-/1- 2	As the land acquisition affects economic life of the public, land can be provided if adequately compensated.
28	Bhaskaran Nair, Perincheri Puthenveedu, Akanadu, Mudakkuzha P.O., Mudakkuzha - 683546	Block No. 113 8	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
29	C.K Mohandas Cheruparambil House, Maruthukavala, Perumbavoor - 683542	Block No. 113 7	The land will not be cultivable afterwards and will affect financial source. Hence land can be provided if adequately compensated.
30	K.Raveendran, 31/587 Krishna, Vyttila Ernakulam- 682014	Block No. 113 Survey No. 7	The land will not be cultivable afterwards and will affect financial source. Hence land can be provided if adequately compensated.
31.	C.K Usha, Kelamangalth House, Maruthu Road, Perumbavoor- 683542	Block No. 113 Survey No. 7	The land will not be cultivable afterwards and will affect financial source. Hence land can be provided if adequately compensated.
32.	C.K Vijayan Cheruparambil House, Maruthu road, Near KSRTC, Perumbavoor- 683542	Block No. 113 Survey No. 7	The land will not be cultivable afterwards and will affect financial source. Hence land can be provided if adequately compensated.
33.	C.K Suresh Babu Cheruparambil House, Maruthu Road, Near KSRTC, Perumbavoor- 683 542	Block No. 113 Survey No. 7	The land will not be cultivable afterwards and will affect financial source. Hence land can be provided if adequately compensated.

34	Babu Varghese Pulikkallumpurathu House, Mercy Home, Perumbavoor P.O.	Block No. 112 17	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
35.	Venugopal B Mayavilas House, Near KSRTC, Perumbavoor - 683542	Block No. 113 10,	The land will not be cultivable afterwards and will affect financial source. Hence land can be provided if adequately compensated. Problems raised at the Public Hearing Expressed doubts about shortage of drinking water.
36	Jayapradeep P., Rekha B. Ponmuthu House, Maruthu Road, Perumbavoor P.O. 683 542	Block No. 112. 2, 3	The affected and is used for household purpose. It includes a house of 4300 sq. ft. and 15 cent land. The land acquisition affects socio- economic life and hence project need to be changed and replanned. Problems raised at the Public Hearing Expressed preference to the first alignment that does not impact on any houses.
37.	K. George Achayath House, Kombanadu P.O., Perumbavoor- 683542	Block No. 112 11/3-3,4-1	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
38	Sarada (Late) Mahesh Muraleedharan Poornima, Pulinaattu lane, Perumbavoor P.O.	Block No.112 21, 22, 23, 24	Not ready to provide land. Problems raised at the Public Hearing. Complained about water scarcity following the filling of the low, paddy field close to house as well as about

			environmental pollution. However, informed of consent to surrender land as it is for a common developmental activity.
39	Sarada (Late) Manjith Poornima, Pulinattu lane, Perumbavoor	Block No. 112 18, 20, 21, 24	Land can be provided if adequately compensated.
40	Vijayalakshmi(Late) Manoj Lakshmi Nivas, Pulinattu lane, Perumbavoor	Block No. 112 55	If anything is built in this land, there will be issues like flooding, scarcity of drinking water etc. Land can be provided if adequately compensated.
41.	M.C Kunjumon Mullamangalam house, Iringole PO, Vaidyasalappadi, Perumbavoor- 683542	Block No. 112	The affected land has Coconut trees, Banana trees, Jack fruit trees, Aanjili, Teak etc. Land can be provided if adequately compensated. He did not attend the public hearing.
42	Eldho. K. Mathew Shincymol Ani K. Mathew Kuthinappurath, Vayikkara P.O., Perumbavoor	Block No. 112 4/1	The affected land has cultivation of Banana & Turmeric. Land can be provided if adequately compensated. Problems raised at the Public Hearing Wanted to know the Valuation criteria.
43	Sreekumar&Binu Mathew Somarajapuram, Karattupallikkara, Perumbavoor		The affected land has cultivation of Teak tree, Banana tree etc. Land can be provided if adequately compensated.
44	M.M .Abraham	25/12	Not ready to provide land.

•	ArakkalHouse, MKRA-H, No.9, Perumbavoor- 683542 Babu Varghese, Purathu, MKRA, H-10 Mercy home, Perumbavoor	24/12	There is defect in alignment and is unscientific. The land has good buildings, Pay &Park facility, Workshop, Well, Septic tank, Coconut tree, Banana tree, Mango tree etc. And the area might have water logging due to this project. There is a house with all facilities. There is a case filed against this project in High Court. There are two employees in that workshop and they will lose their livelihood too.
45	M.Eliyamma Menothmalil, MaruthRoad, Perumbavoor	Block No. 112	The affected land has Coconut trees, Banana trees, Mango tree etc. and a septic tank,wall, Fire wood Shed. Land can be provided if adequately compensated.
46	PV Vijayakumar Manivihar, Neduvelil lane, Ravipuram Road, Ernakulam- 682316	Block No. 106 28	The affected land has Coconut trees, Arecanut trees, Teak tree etc. and a septic tank. Land can be provided if adequately compensated.
47	Indira Prabhakaran Sreyas House, Maruth Road, Perumbavoor- 683542	Block No. 112 2/3	The affected land has owner's house, which will be cut into two and it loses alignment. Owner has agreed to provide land. Problems raised at the Public Hearing Demanded change of alignment so as to avoid the house.
48	RadhamaniIssac	Block No. 106	Owner is differently abled

•	Edappattumukkil (H), Perumbavoor	HouseNo.1/16 1	and welcomes the project. She has meager income and if house is lost, won't have a place to live. So if new house and adequate compensation is given, land will be given.
49	Susheela Krishnan Krishnamandiram, Perumbavoor- 683542	Block No. 106	The affected land has a small building, Coconut trees, Mango tree and cultivation of Tapioca, Yam etc. Land can be provided if adequately compensated. Problems raised at the Public Hearing Wanted to know the Valuation Criteria and the area of land to the surrendered.
50	GeethaVenugopal SouparnikaHouse, No. 40/5462, TD Road North End, Ernakulam	Block No. 106	Not ready to provide land, as there will be no income source if house is lost (rent), and this is centre of the town. Problems raised at the Public Hearing Proposed that acquisition be undertaken without causing any problem for the people and wanted to know the valuation criteria.
51.	Rachel John Theruvuparamban, Puliyanaattu lane, Perumbavoor- 683542	Block No. 112	The affected land has a double storied house, Teak, 'Aanjili', Coconut tree etc. The project is a necessity. Land can be provided if adequately compensated.
52.	George Varghese	Block No. 117	As the affected land is waste land, owner is ready

	AdukaaliHouse, OM Road, Perumbavoor- 683542	35	to provide land if adequately compensated. And also warned about more air, soil and water pollution.
53.	C.C. Ramachandran, Anitha Ramachandran Kochuveedu House, AM Road, Perumbavoor- 683542	Block No. 106 23 41/2, 43	The affected land has an outhouse in it. As the project will not be finished in one go, owner doesn't welcome the project. And the area will face environmental issues too. Land can be provided if adequately compensated. And the owner is expecting to get concession from municipality for constructing building in the rest of land. And also opinioned that the expansion won't give any benefit to region. Problems raised at the Public Hearing Project shall be implemented alienating the anxieties of the local people and paying fair compensation.
54	Devakiamma&Hari V Pilla Pulinaattu (Karthika), Pulinaattu lane, Perumbavoor-	Block No. 112 10,19,25	The affected land is a paddy field on two individual's name. Land can be provided if adequately compensated.
55.	Sreeni V. Pilla Karthika, Pulinaattu, Pulinaatu lane, Perumbavoor - 683542,	Block No. 112 11/14, 11/15	Land can be provided if adequately compensated.
56	Sam Varghese Al Haji, Mascot	Block No. 112	Land can be provided if adequately compensated. Coconut tree-5, Tamarind-

	Communication address: Mathew Jacob, Vattakkunnel, Maruthukavala, Perumbavoor		1, Tapioca, Banana trees. Owner is living in foreign country for 40 years. Information was provided by Mathew Jacob.
57.	Prasad Koshi Pulikkalumpurath, Lailalayam, Iringole P.O.	Block No. 112	Owner is living in foreign country, and details were given by brother Babu Varghese. Not aware of whether land will be acquired for the project.
58	SarojiniAmma& Mohan V.T. Vadakkeveedu, Perumbavoor	Block No. 117 36,37,38	The affected land has water logging. This 24 cent land belongs to 2 documents and is not aware of whether land will be acquired or not.
59	Iringole temple Sub Group Officer, Chitteeswar Sub Group Office	Block No. 117	Not informed of anything regarding land. He did not attend the public hearing
60	SudalayandiKonar Lakshmi Bhavan, Pulingattu lane, Perumbavoor P.O.,	Block No. 117 10/1	Not aware of whether land will be acquired or not for Perumbavoor bypass road project.
61.	Murukan Lakshmi Ghavan, Pulingaattu lane	Block No. 117 10-3	Not aware of whether land will be acquired or not for Perumbavoor bypass road project. Land owner is in Tamil Nadu.
62	Soman Mani Kurishingal (H)	Block No. 117 12/2,27	A building located in the area affected by the project.It said there was no clarity on the topographical dimensions of the area being acquired for the Project.

63	Rajgopal	Block No. 113	The land will not be
	Mayavilas house, Near KSRTC, Perumbavoor - 683 542	11	cultivable afterwards and will affect financial source. Hence land can be provided if adequately compensated. Problems raised at the Public Hearing Expressed doubts about shortage of drinking water. Information given by Sindhu

3.10 SUMMARY OFPUBLIC HEARING

In connection with the land acquisition for Perumbavoor Bypass Road-1st Phase Project, of the sites belonging to Perumbavoor Village, Kunnathnadu Taluk, a public hearing of the landowners before the authorities was held at the Conferance Hall, Kunnathnadu Taluk at 2.00 am on 18th January 2020.

PARTICIPATED OFFICIALS

1.	Sri. Eldhose Kunnapilly	- MLA
2.	Smt. Litty Joseph	- Special Thahsildhar (LA) General,Kakkanad
3.	Smt. Latha K.M.	- Revenue Inspector (LA)
4.	Sri.Vinod Raj	- Thahsildhar, Kunnathnadu Taluk
5.	Smt.Mary Priya	- Revenue Inspector (LA)
6.	Sri.Jayan J.K.	- Clerk (LA)
7.	Smt. Lissy K.F	- A.G.M, RBDCK
8.	Sri. P.Rajan	- Deputy Collector, RBDCK
9.	Sri. Praveen Kumar	- Surveyor (LA)
10.	Smt. Mini Joshy	- Councilor, Perumbavoor Muncipality
11.	Sri. Varkey	- P.A of MLA

MAJOR ISSUES RAISED BEFORE AUTHORITIES

The affected parties who participated at the Public hearing presented their problems.

- 1. Regarding change of alignment (to avoid houses)
- Regarding drinking water, Water-logging, heightening with sand filling, environmental pollution
- 3. Regarding appraisal of land
- 4. Regarding the area of land to be acquired

RESPONSE OF THE AUTHORITIES

SPECIAL TAHSILDAR GENERAL (LA)

The present study has been a social impact assessment as per the Land Acquisition Act of 2013, This is a Draft Report. The affected parties have presented their grievances at the Public Hearing, which would be included in the Final Report and submitted to the Government who would constitute an Expert Committee and issue orders on assessing the Project. This is followed by the Primary Notification. Following Notification 11(1), Administration would be appointed. Appraisal of the acquired lands has been done subjected to norms mentioned in Article 26 of LARR Act 2013. The Social Impact Study has been conducted as per the areas demarcated by stones and the dimension of land belonging to each Survey number. It is to be informed that the exact size of each Survey number can only be determined after the Survey by the Land Acquisition Office as per Article 12, following Notification No. 11(1)

RBDCK (CHIEF ENGINEER)

PWD had prepared the alignment as per As Since 2009.But the project could not be implemented for want of funds. Now RBDCK has been entrusted with KIIFB funds. The same old alignment prepared by PWD in 2009 has been assigned for the project. The project is the same 3.7 Km long original project. The area to be acquired for Phase I. Perumbavoor Bypass is the free land from old M.C. Road till Maruthu Junction instead of P.P. Road which was involved in court-case. The project area contains paddy field which will be converted into

road heightened by earth filling up to the level of the old M.C. Road. Earth – filling is required upto a height of 2-3 meter.

- KIFB approval has been obtained as per the DPR Prepared for the alignment endorsed by the PWD chief engineer and L.A proceedings were already underway. It is to be informed that no change is possible in the alignment in order to avoid buildings.
- The project is expected to be implemented with the least trouble for the local people with regard to problems such as drinking water shortage, water logging, reclamation of land or environmental pollution.

MLA

The concept of Perumbavoor Bypass has a history of long years. People have been demanding its construction for more than 15 years. The biggest problem in Perumbavoor has been its traffic join. The Bypass has been envisaged as a problem – solver. He appealed to implement the project undertaking the required land within 3-4 months after paying fair compensation. The project has been phased out in two for speedy execution. The MLA assured that he would stand by the landowners in getting the fairest compensation.

COUNCILOR (WARD -19)

Vast majority of landowners desire the implementation of the project and are ready to surrender land. The councilor wanted the project to be executed without any further delay.

PHOTOS OF PUBLIC HEARING





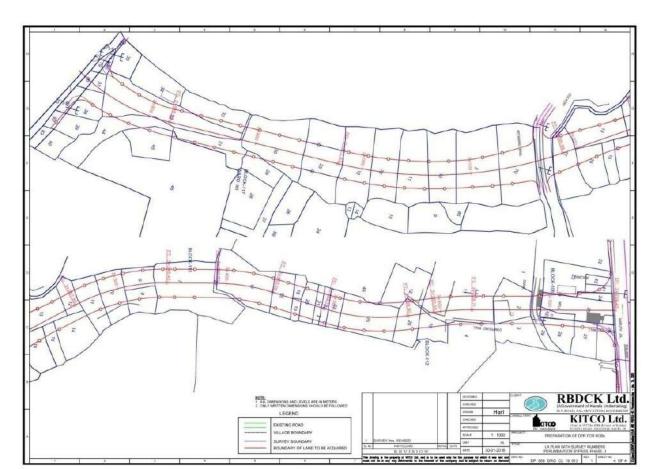
CHAPTER 4

EVALUATION OF THE LAND

4.1 INTRODUCTION

For acquiring land for Perumbavoor Bypass Road1st Phase Project, details of people losing land, the affected people, their socio economic information were collected through interview schedule prepared for it in 2019 November, December & January. Details regarding the affected properties, their type, ownership, impacts on private properties, income and livelihood of people, and depth of impact due to project were collected. The effects of land acquisition for Perumbavoor Bypass Road - 1st stage Project is depicted below with the help of survey.

LAND INVENTORIES (MAP OF SITE)



PROJECT MAP

4.2 TOTAL IMPACT DUE TO INFLUENCE OF THE PROJECT

District - Ernakulam

Taluk - Kunnathunadu

Village - Perumbavoor

Block No.106 Ward No. XII Block No.112Ward No. XII

	Survey	Extent		
SI.No.	No.	Hector/Are	Sqm	
1	22	1	00	
2	23	0	20	
3	24	2	20	
4	25	11	20	
5	26	1	60	
6	27	0	80	
7	28	1	80	
8	29	2	50	
9	41	0	60	
10	42	2	10	
11	43	0	30	
	Total	24	30	

ol NI -	Survey	Extent		
SI.No.	No.	Hector/Are	Sqm	
1	2	7	70	
2	3	0	90	
3	4	0	90	
4	10	1	80	
5	11	12	0	
6	12	1	10	
7	18	1	30	
8	19	0	90	
9	17	12	50	
10	20	3	50	
11	21	1	50	
12	22	1	50	
13	23	3	0	
14	25	13	0	
15	26	4	0	
16	27	1	0	
17	46	0	10	
18	55	5	0	
	Total	71	30	

	Block	No. 1	13	Ward	No.	ΧI
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OL N.	Survey	Extent		
SI.No.	No.	Hector/Are	Sqm	
1	7	13	80	
2	8	3	0	
2	9	4	80	
4	10	6	20	
5	11	5	0	
6	12	2	60	
7	13	8	0	
8	14	2	10	
9	15	1	20	
10	16	3	0	
11	17	6	30	
	Total	56	00	

Grand Tota	l 269.02 Are
	200.02700

KII	Block No.		117	
	SI.No. Survey		Extent	
Sqm	51.NO.	No.	Hector/Are	Sqm
80	1	2	10	42
	2	10	6	37
0	3	11	7	10
80	4	12	6	80
20	5	25	9	0
0	6	29	0	47
60	7	30	13	50
0	8	31	6	63
10	9	32	21	90
	10	33	1	90
20	11	35	0	90
0	12	36	0	66
30	13	37	2	22
00	14	38	2	73
	15	44	2 3	94
	16	45	1	17
	17	46	0	17
	18	70	10	66
	19	72	6	11
	20	78	0	10
	21	79	0	97
	22	80	1	43
	23	81		65
	24	82	2	42
	6	Total	117	42

Table 4.1 contains information obtained related to the Survey numbers of Blocks cited above. Certain landowners were out of station and though they had promised to provide details of the Survey numbers when they would attend the hearing, they could not give the exact details.

TABLE 4.1 INCLUDES SOCIO ECONOMIC IMPACT OF PEOPLE WHODONATES THEIR LAND AND NEED COMPENSATION

SI. No.	Name and address	Survey No.	Problems/requirements put forward
1.	Leela Iype Mukkanamcheri, Maruthukavala, Perumbavoor P.O, Perumbavoor-683542	Block No. 117 31 45	Informed that the land was used for agriculture and hence owner is expecting adequate compensation from the officials
2.	Issac Iype Mukkanamcheri, Maruthukavala, Perumbavoor P.O, Perumbavoor-683542	Block No. 117 46 45	Informed that the land was used for agriculture. The land has almost 30 Teak trees & 40 Nutmeg trees and hence owner is expecting adequate compensation from the officials Problems raised at the Public Hearing Loss of just a small portion of the land
3.	Manikkutti & Keerthi Madathumaalil, OM Road, Perumbavoor P.O, Perumbavoor-683542	Block No. 117 25	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
4.	Simon Paul Mukulathu, Maruthukavala Perumbavoor	Block No. 117 12	Informed that the land was used for agriculture and has a well in it. Requested not to damage the well, as drinking water availability is reducing. Owner is expecting

			adequate compensation.
5.	Indira Devi Mayavilasathil Perumbavoor	Block No. 113 12,15	Agreed to provide land Problems raised at the Public Hearing Expressed anxiety about water levels in wells due to the project.
6.	Perumbavoor Devaswom	Block No. 112	Manager informed that he is unaware of details regarding land. He did not attend the public hearing
7.	Sreekumar, Pournami, Cherukunnam, Ashamannur	Block No. 112 12	The affected land is household area. Owner I ready to provide land if adequately compensated. He did not attend the public hearing.
8.	Suni. Sangeeth, Santhosh, Surya Santhosh Madathumali Perumbavoor P.O Perumbavoor. Near KSRTC-683542	Block No. 117 25	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
9.	Sandhya Santhosh Kochuveetil, Ilambra, Nellikkuzhi PO, Kothamangalam-686691	Block No. 117 25	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
10.	SaradaRajappan Madathumali, Perumbavoor P.O. Perumbavoor-683542	Block No. 117 25	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation

11.	Leela Sivan Madathumali, Perumbavoor P.O, Perumbavoor-683544	Block No. 117 25	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
12.	Rajesh Vijayan Narayaneeyam (H) Edappilly North		Agreed to provide land
13.	LalithaRajan Vadakkeveed, Mahatma Nagar Perumbavoor P.O, KSRTC Road-683542	Block No. 117 12-2,13-3	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
14.	SarasammaMohanan Madathumali, Perumbavoor P.O, Mahatma Nagar, Number A, Perumbavoor -683542	Block No. 117 25	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
15.	Santhosh Kumar T.K. ThekkinethmaaliHouse Near Post Office Perumbavoor - 683542	Block No. 117 72	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
16.	Sheela Varghese MukkanamcheriHouse Maruthukavala Perumbavoor - 683542	Block No. 117 36, 37/2	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
17.	Jessi Isaac Mukkanamcheril House Maruthukavala. Perumbavoor - 683542	Block No. 117 10	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
18.	SalomiBabu Manjalikudi House Perumbavoor-683542	Block No. 117 44	The affected land has a pond in it. As the owned land is waste land, owner is ready to

			provide land if adequately compensated. He did not attend the public hearing.
19.	M.V Joseph MukkanamcherilHouse Near AVJM Hospital Perumbavoor - 683542	Block No. 117 70	There are Arecanut trees, Coconut trees etc and are generating income. Hence land can be provided if adequately compensated.
20	Anna George Mukkanamcheril House Maruthukavala. Perumbavoor - 683542	Block No. 117 32, 33	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
21.	Saramma Paulose Arakkadayil House, Allapra, Vengole	Block No. 117 11, 25	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
22.	SheebaRamachandran & P.R.Ramachandran, Puthiyedath House, Maruhtukavala, Souparnika Lane, Perumbavoor P.O. Pin-683542	Block No. 117	The land was baught for future construction purpose. So, it can be provided for the project if adequately compensated. Requested to complete the construction soon. Problems raised at the
			Public Hearing. Total area of land is 60 cents. Not yet known how much land to be surrendered. Ready to give land, being for a public developmental activity. She appealed to implement the project as soon as possible giving the necessary

			privileges to the impacted persons in order that Perumbavoor town may be rid of the ever troublesome traffic block.
23.	Sajeev M. Jacob Mukkanamcheri lHouse Maruthukavala, Perumbavoor - 683542	Block No. 113 9, 14	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
24	Sadasivan Karattukudi House, Koovappadi PO, Koovappadi, Perumbavoor-683542	Block No. 113	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
25.	Sankar M C/o S Madhavan Kutti Nair, Janaki Mandiram Near KSRTC/ IMA House, Perumbavoor- 683542	Block No. 113 16, 17	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
26	Sajeed Ibrahim Cheerakkudi House, Allapra P.O., Perumbavoor- 683556	Block No. 113 13	As the land acquisition affects socio- economic life of the public, land can be provided if adequately compensated.
27.	Subramanian MadappurathHouse Aimuri PO, Perumbavoor- 683544	Block No. 113 7-/1- 2	As the land acquisition affects economic life of the public, land can be provided if adequately compensated.
28	Bhaskaran Nair, Perincheri Puthenveedu, Akanadu, Mudakkuzha P.O., Mudakkuzha - 683546	Block No. 113 8	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
29	C.K Mohandas	Block No. 113	The land will not be cultivable afterwards

•	Cheruparambil House, Maruthukavala, Perumbavoor - 683542	7	and will affect financial source. Hence land can be provided if adequately compensated.
30	K.Raveendran, 31/587 Krishna, Vyttila Ernakulam- 682014	Block No. 113 Survey No. 7	The land will not be cultivable afterwards and will affect financial source. Hence land can be provided if adequately compensated.
31.	C.K Usha, Kelamangalth House, Maruthu Road, Perumbavoor- 683542	Block No. 113 Survey No. 7	The land will not be cultivable afterwards and will affect financial source. Hence land can be provided if adequately compensated.
32.	C.K Vijayan Cheruparambil House, Maruthu road, Near KSRTC, Perumbavoor- 683542	Block No. 113 Survey No. 7	The land will not be cultivable afterwards and will affect financial source. Hence land can be provided if adequately compensated.
33.	C.K Suresh Babu Cheruparambil House, Maruthu Road, Near KSRTC, Perumbavoor- 683 542	Block No. 113 Survey No. 7	The land will not be cultivable afterwards and will affect financial source. Hence land can be provided if adequately compensated.
34	Babu Varghese Pulikkallumpurathu House, Mercy Home, Perumbavoor P.O.	Block No. 112 17	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation

35.	Venugopal B Mayavilas House, Near KSRTC, Perumbavoor - 683542	Block No. 113 10,	The land will not be cultivable afterwards and will affect financial source. Hence land can be provided if adequately compensated. Problems raised at the Public Hearing Expressed doubts about shortage of drinking water.
36	Jayapradeep P., Rekha B. Ponmuthu House, Maruthu Road, Perumbavoor P.O. 683 542	Block No. 112. 2, 3	The affected and is used for household purpose. It includes a house of 4300 sq. ft. and 15 cent land. The land acquisition affects socio- economic life and hence project need to be changed and replanned. Problems raised at the Public Hearing Expressed preference to the first alignment that does not impact on any houses.
37.	K. George Achayath House, Kombanadu P.O., Perumbavoor- 683542	Block No. 112 11/3-3,4-1	Informed consent to surrender land provided assurance from the concerned authorities of fair compensation
38	Sarada (Late) Mahesh Muraleedharan Poornima, Pulinaattu lane, Perumbavoor P.O.	Block No.112 21, 22, 23, 24	Not ready to provide land. Problems raised at the Public Hearing. Complained about water scarcity following the filling of the low, paddy field close to house as well as about environmental

			pollution. However, informed of consent to surrender land as it is for a common developmental activity.
39	Sarada (Late) Manjith Poornima, Pulinattu lane, Perumbavoor	Block No. 112 18, 20, 21, 24	Land can be provided if adequately compensated.
40	Vijayalakshmi(Late) Manoj Lakshmi Nivas, Pulinattu lane, Perumbavoor	Block No. 112 55	If anything is built in this land, there will be issues like flooding, scarcity of drinking water etc. Land can be provided if adequately compensated.
41.	M.C Kunjumon Mullamangalam house, Iringole PO, Vaidyasalappadi, Perumbavoor- 683542	Block No. 112	The affected land has Coconut trees, Banana trees, Jack fruit trees, Aanjili, Teak etc. Land can be provided if adequately compensated. He did not attend the public hearing.
42	Eldho. K. Mathew Shincymol Ani K. Mathew Kuthinappurath, Vayikkara P.O., Perumbavoor	Block No. 112 4/1	The affected land has cultivation of Banana & Turmeric. Land can be provided if adequately compensated. Problems raised at the Public Hearing Wanted to know the Valuation criteria.
43	Sreekumar & Binu Mathew Somarajapuram, Karattupallikkara, Perumbavoor		The affected land has cultivation of Teak tree, Banana tree etc. Land can be provided if adequately compensated.

44	M.M .Abraham	25/12	Not ready to provide
	ArakkalHouse, MKRA-H, No.9, Perumbavoor- 683542 Babu Varghese, Purathu, MKRA, H-10 Mercy home, Perumbavoor	24/12	land. There is defect in alignment and is unscientific. The land has good buildings, Pay &Park facility, Workshop, Well, Septic tank, Coconut tree, Banana tree, Mango tree etc. And the area might have water logging due to this project. There is a house with all facilities. There is a
			case filed against this project in High Court. There are two employees in that workshop and they will lose their livelihood too.
45	M.Eliyamma Menothmalil, Maruth Road, Perumbavoor	Block No. 112	The affected land has Coconut trees, Banana trees, Mango tree etc. and a septic tank,wall, Fire wood Shed. Land can be provided if adequately compensated.
46	PV Vijayakumar Manivihar, Neduvelil lane, Ravipuram Road, Ernakulam- 682316	Block No. 106 28	The affected land has Coconut trees, Arecanut trees, Teak tree etc. and a septic tank. Land can be provided if adequately compensated.
47	Indira Prabhakaran Sreyas House, Maruth Road, Perumbavoor- 683542	Block No. 112 2/3	The affected land has owner's house, which will be cut into two and it loses alignment. Owner has agreed to provide land.

			Problems raised at the Public Hearing Demanded change of alignment so as to avoid the house.
48	RadhamaniIssac Edappattumukkil (H), Perumbavoor	Block No. 106 House No.1/161	Owner is differently abled and welcomes the project. She has meager income and if house is lost, won't have a place to live. So if new house and adequate compensation is given, land will be given.
49	Susheela Krishnan Krishnamandiram, Perumbavoor- 683542	Block No. 106	The affected land has a small building, Coconut trees, Mango tree and cultivation of Tapioca, Yam etc. Land can be provided if adequately compensated. Problems raised at the Public Hearing Wanted to know the Valuation Criteria and the area of land to the surrendered.
50	GeethaVenugopal SouparnikaHouse, No. 40/5462, TD Road North End, Ernakulam	Block No. 106	Not ready to provide land, as there will be no income source if house is lost (rent), and this is centre of the town. Problems raised at the Public Hearing Proposed that acquisition be undertaken without causing any problem for the people and wanted

			to know the valuation criteria.
51.	Rachel John Theruvuparamban, Puliyanaattu lane, Perumbavoor- 683542	Block No. 112	The affected land has a double storied house, Teak, 'Aanjili', Coconut tree etc. The project is a necessity. Land can be provided if adequately compensated.
52.	George Varghese AdukaaliHouse, OM Road, Perumbavoor- 683542	Block No. 117 35	As the affected land is waste land, owner is ready to provide land if adequately compensated. And also warned about more air, soil and water pollution.
53.	C.C. Ramachandran, Anitha Ramachandran Kochuveedu House, AM Road, Perumbavoor- 683542	Block No. 106 23 41/2, 43	The affected land has an outhouse in it. As the project will not be finished in one go, owner doesn't welcome the project. And the area will face environmental issues too. Land can be provided if adequately compensated. And the owner is expecting to get concession from municipality for constructing building in the rest of land. And also opinioned that the expansion won't give any benefit to region. Problems raised at the Public Hearing Project shall be implemented alienating the anxieties of the local people and paying fair

			compensation.
54	Devakiamma & Hari V. Pilla Pulinaattu (Karthika), Pulinaattu lane, Perumbavoor	Block No. 112 10,19,25	The affected land is a paddy field on two individual's name. Land can be provided if adequately compensated.
55.	Sreeni V. Pilla Karthika, Pulinaattu, Pulinaatu lane, Perumbavoor - 683542,	Block No. 112 11/14, 11/15	Land can be provided if adequately compensated.
56	Sam Varghese Al Haji, Mascot Communication address: Mathew Jacob, Vattakkunnel, Maruthukavala, Perumbavoor	Block No. 112	Land can be provided if adequately compensated. Coconut tree-5, Tamarind- 1, Tapioca, Banana trees. Owner is living in foreign country for 40 years. Information was provided by Mathew Jacob.
57.	Prasad Koshi Pulikkalumpurath, Lailalayam, Iringole P.O.	Block No. 112	Owner is living in foreign country, and details were given by brother Babu Varghese. Not aware of whether land will be acquired for the project.
58	SarojiniAmma & Mohan V.T. Vadakkeveedu, Perumbavoor	Block No. 117 36, 37, 38	The affected land has water logging. This 24 cent land belongs to 2 documents and is not aware of whether land will be acquired or not.
59	Iringole temple Sub Group Officer, Chitteeswar Sub Group Office	Block No. 117	Not informed of anything regarding land. He did not attend the

			public hearing
60	SudalayandiKonar Lakshmi Bhavan, Pulingattu lane, Perumbavoor P.O.,	Block No. 117 10/1	Not aware of whether land will be acquired or not for Perumbavoor bypass road project.
61.	Murukan Lakshmi Ghavan, Pulingaattu lane	Block No. 117 10-3	Not aware of whether land will be acquired or not for Perumbavoor bypass road project. Land owner is in Tamil Nadu.
62	Soman Mani Kurishingal (H)	Block No. 117 12/2, 27	A building located in the area affected by the project.It said there was no clarity on the topographical dimensions of the area being acquired for the Project.
63	Rajgopal Mayavilas house, Near KSRTC, Perumbavoor - 683 542	Block No. 113 11	The land will not be cultivable afterwards and will affect financial source. Hence land can be provided if adequately compensated. Problems raised at the Public Hearing Expressed doubts about shortage of drinking water. Information given by Sindhu

269.02 Are of land is required for the PerumbavoorBypassRoad 1st Phase Project. 3 families will be losing their houses, among which one is built in a wasteland. And it includes trees and land. As the affected are not aware of the details of land to be acquired, they have given details of full property in their land. The SIA study depicts that only after measuring the required land, precise details of the properties can be known.

4.3 CURRENT SITUATION OF LAND TO BE ACQUIRED

As the land owners as per Village documents haven't clarified village documents through time bound transactions, ownership should be checked through revenue documents.

4.4 ACQUISITION OF AFFECTED LAND

269.02 Are of land is required for Perumbavoor Bypass Road. The team couldn't avail adequate information regarding measurement of land from affected or officials.

4.5 LAND REQUIRED FOR THE PROJECT

269.02 Are of land- public & private in Perumbavoor village of KunnathunaduTaluk in ErnakulamDistrict is the area required for the bypass road. This area has 3 houses, among which one is built in a wasteland. And it includes fields, trees, land of Devaswometc too.

4.6 REQUIREMENT OF PUBLIC LAND

Public land required for construction of Perumbavoor Bypass Road has a house in which RadhamaniIssac lives. She hasn't received deed yet. She said that she has possession certificate. And she is differently abled.

4.7 LAND PURCHASED FOR THE PROJECT

No land is purchased for the project yet. Formalities for purchasing land will begin only after social impact assessment study.

4.8 GEOGRAPHY, CURRENT PURPOSE, AND LANDFORMS

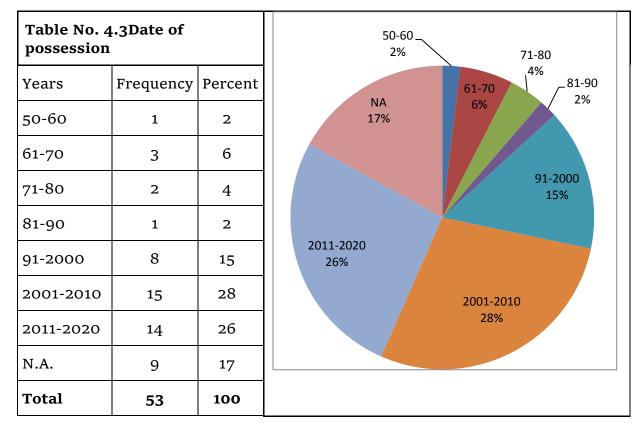
The affected land of PerumbavoorBypass Project has 3 houses, among which one is built in a wasteland. And it includes fields, trees, land of Devaswometc. too.

4.9 NATURE OF OWNERSHIP

Table	4.2	Nature	of	ownership
rabic	4.2	nature	O1	owner sinp

Ownership	No.	Percentage
Inherited	24	34.78
Purchased	33	47.82
No reply	12	17.89
Total	69	100

4.10 DATE OF POSSESSION



4.11 PREVIOUS TRANSACTIONS IN THE PROJECT AREA

Based on the information provided by the data collectors, one C.P. Ramachandran had purchased a plot of land including Block No. 106 in 2018.

(The above mentioned information is provided by the concerned parties during data collection. Documents proving these should be checked.)

CHAPTER 5

NO. OF FAMILIES AFFECTED AND DETAILS OF LOSS OF LAND

5.1 INTRODUCTION

The depth of impact on people affected directly and indirectly is depicted in this chapter.

5.2 PEOPLE AFFECTED DIRECTLY BY THE PROJECT

The affected land of 269.02Are for Perumbavoor Bypass Road Project has 3 houses, among which one is built in a wasteland. And it includes fields, trees, land of Devaswom etc. too.

5.3 PEOPLE AFFECTED INDIRECTLY BY THE PROJECT

Indirectly affected people include those who are not affected directly but stay or work in this area. There are two employees in shops in affected area. They lose their livelihood. And the house in wasteland has a house in which Radhamani Issac lives. She hasn't received deed yet. She said that she has possession certificate. And she is differently abled.

5.4 FAMILIES OF SCHEDULED TRIBE AND FOREST DWELLERS WHO LOSE RIGHT ON FOREST

The acquisition of land for mentioned project does not affect any families of scheduled tribe and forest dwellers that lose right on forest.

5.5 DID THE FAMILIES DEPEND ON THIS LAND FOR LIVELIHOOD IN PAST 3 YEARS?

There are two employees in shops in affected area. They lose their livelihood.

5.6 WAS THE LAND AVAILED THROUGH ANY WELFARE PROGRAMS OF STATE-CENTRE GOVERNMENTS?

The affected land was not availed through any welfare programs of statecentre governments.

5.7 WERE THE AFFECTED FAMILIES, INHABITANTS OF CITY FOR 3 YEARS OR MORE?

The affected families are inhabitants of city.

5.8 ARE THE AFFECTED FAMILIES DEPENDING ON PUBLIC LAND AFTER ACQUIREMENT?

The affected does not have any families depending on public land after acquirement.

5.9 DETAILS OF FRUITFUL PROPERTIES

The affected land has Teak, Mango tree, Jack fruit tree, Coconut tree, other trees etc, which all will be lost.

SOCIO ECONOMIC BLUEPRINT

6.1 BACKGROUND

This chapter includes socio economic cultural details of affected families and the situation of these factors. Demographic details, situation, livelihood affected families and additional information of the affected people are also enlisted.

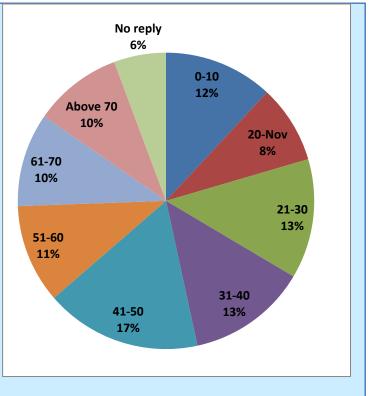
6.2 FAMILY DETAILS

Monthly Income	No.	Percentag e	
Upto 5000	11	14.66	No reply Upto 17% 5000
5001-10000	7	9.34	Above 15% 5001- 50000 10000 10000 7% 9% 10000
10001-20000	25	33.34	370
20001-50000	14	18.66	20001- 50000 10001-
Above 50000	5	6.66	19% 20000 33%
No reply	13	17.34	
Total	75	100	

6.1 Family income

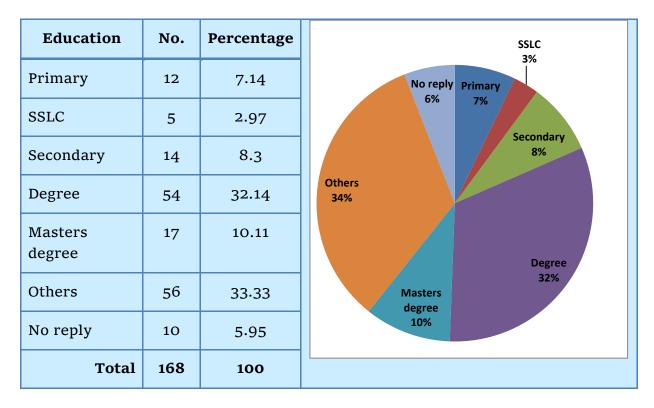
Age	No.	Percentage	
0-10	21	11.93	
11-20	15	8.52	
21-30	23	13.06	
31-40	23	13.06	
41-50	30	17.04	
51-60	19	10.79	
61-70	18	10.22	
Above 70	17	9.65	
No reply	10	5.68	
Total	176	100	

6.2 Age wise categorization



6.3 Married/Unmarried/Widows

Income	No.	Percentage	No reply Widower 7%
Married	79	51.97	Widower 7% 2%
Unmarried	19	12.5	
Widow	11	7.23	Children 20%
Children	30	19.73	Widow 52%
Widower	3	2.00	7%
No reply	10	6.57	Unmarrie d 12%
Total	152	100	



6.4 Education of the affected

6.5 Employment related data of the affected

Employment	No.	Percentages	Self
Self employed	3	4.83	employe Gavernm
Business	8	12.90	No reply 16% Business
Government job	4	6.45	Others 13% Doctor 3%
Doctor	2	3.22	
Employed	6	9.67	
abroad			
Private job	21	33.87	Agricultu Private Employo
Agriculture	4	6.45	Agricultu job Employe re job d abroad
Others	4	6.45	6% 34% 10%
No reply	10	16.12	
Total	62	100	

Туре	No.	Percentage
Below Poverty Line	6	11.32
Above Poverty Line	32	60.37
Others	4	7.54
No Response	11	20.75
Total	53	100

6.6 CATEGORY OF RATION CARD

6.3 **RELIGION**

The affected people comprises 63% of Hindu, 36% of Christian and 2% of Muslim communities.

6.4 SOCIAL GROUP

Affected families belong to general category.

(The above mentioned information is provided by the concerned parties during data collection. Documents proving these should be checked.)

CHAPTER 7

REDUCTION OF SOCIAL IMPACT

7.1 APPROACH TO REDUCE IMPACT

The affected individuals are demanding compensation amount and job for family members in order to reduce the impact of land acquisition. Hence, in order to reduce the impact, compensation of land acquisition needs to be decided through discussions with the affected families and distribute them before land acquisition.

The affected families should be made aware of the benefits of Perumbavoor Bypass Road Project, and take necessary steps to provide them the advantages of the project.

7.2 MEASURES TO ERADICATE IMPACT OR LOSS

The compensation should be decided and distributed as per 'The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Re-settlement Act, 2013 (RFCTLARR Act 2013) in a timely manner.

7.3 MEASURES THAT ARE INCLUDED IN THE TERMS OF 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.

7.4 COMPENSATION FOR TREES AND OTHER PROPERTIES

An adequate compensationshould be provided for trees and other properties in the land.

7.5 STEPS IN THE PROJECT PROPOSAL

The Concerned Committee shall make a special provision in the budget for the dispensation of compensation.

7.6 MEASURES TO REDUCE IMPACT

Impact	Mitigation Step	Monitored Indications	Concerned Agency
Anxiety about inadequate Compensation Anxiety about delay in receiving Compensation Anxiety about loss of residing homes	 Prepared criteria to fully compensated for the losses of people Explain the criteria for Compensation well in advance Arrange grievance reddressal system to document the anxieties of people Settle any dispute regarding compensation prior to acquisition Arrange temporary stay till providing new houses. Provide assistance with transfer to the new place. Arrange Counseling 	 Transparency in Paying Compensation Number of complaints about compensation Number of Complaints to increase compensation amount Number of people waiting for the compensation even after the acquisition process Delay in providing temporary Stay 	Revenue Dept. RFCTLARR ACT
Anxiety about	 Arrange Counseling Service Keep providing latest information regarding rehabilitation plan and implementation steps As far as possible 	Place decided for	
the same facilities as before	find a place closer to the acquired area for re- settlement	resettlement	
Feelings of insecurity at	 Select the most secure and safe area for 	Re-settlement Place and assistance	RFCTLARR ACT

CHAPTER 8

SOCIAL IMPACT MANAGEMENT

8.1 INSTITUTIONAL SYSTEMS AND RESPONSIBLE PERSONS

Administrator appointed by government as per RFCTLARR Act 2013 will be responsible for developing reestablishment scheme for affected families. Under the supervision and guidance of government and Commissioner of Rehabilitation and Re-settlement Administrator of Rehabilitation and Resettlement will be responsible for the formulation, implementation and monitoring of scheme for Rehabilitation and Re-settlement.

Provision of adequate compensation to the affected, as per RFCTLARR Act 2013, will not reduce impact.

As per the laws of state government, the district level committee on adequate compensation, Rehabilitation and Re-settlement should include following persons.

- District Collector
- Administrator of Rehabilitation and Re-settlement
- Land acquisition officer
- Finance officials
- Representatives of Arthana officials for taking financial decisions
- Representatives of Local Self Government

SOCIAL IMPACT ERADICATION BUDGET

9.1 EXPENDITURE FOR REHABILITATION AND RE-SETTLEMENT

The expenditure for Rehabilitation and Re-settlement is not calculated.

9.2 ANNUAL BUDGET AND PLANNING

Not applicable

9.3 CATEGORIZATION OF FINANCIAL SOURCE

Financial source of the affected area is not categorized.

SOCIAL IMPACT ERADICATION PROGRAM- MONITORING & EVALUATION

10.1 MONITORING & EVALUATION – IMPORTANT INDICATORS

- Participation of land owners in district level purchasing committee
- Land was purchased directly from how many land owners
- Indicators used to calculate compensation
- Reestablishment of blocked entrances
- Formation of grievance redressal committee
- Time required for Rehabilitation and Re-settlement

10.2 METHOD OF REPORTING, MONITORING AND RESPONSIBILITIES

Not applicable

10.3 INDEPENDENT EVALUATION- MODEL

Not applicable

ANALYSIS OF ADVANTAGES AND DISADVANTAGES: SUGGESTIONS ON LAND ACQUISITION

11.1 FINAL CONCLUSION: ANALYSIS OF POPULAR OBJECTIVES

269.02 Are of land- public & private in Perumbavoor Village of Kunnathunadu Taluk in ErnakulamDistrict is the area required for the Perumbavoor Bypass Road - 1stPhase

Perumbavoor Bypass Road will have considerable impact on tourism, agriculture, small scale industries etc, economic growth of nearby villages, job opportunities etc. Public is of the opinion that this project will ease travelling to both sides and reduce travel time.

The land to be acquired is in private ownership and can be acquired by providing compensation as per 2013 act. The affected are also of the opinion that PerumbavoorBypass Road Construction will be helpful in passengers in the route who suffer daily. And hence they are ready to provide land too.

11.2 NATURE & EXTREME OF IMPACTS

The affected area has 3 houses, among which one is built in a wasteland. And it includes fields, trees, land of Devaswometc. too.

Construction of this bypass road can reduce air & noise pollution considerable, which is explained below. Increasing number of vehicles and heat and smoke they eject cause heavy adversities to the nature and health. Mentioned Perumbavoor Bypass Road-1st stage reduces traffics and atmospheric pollution too.

It also contributes to the social causes namely, reducing travelling time, reduction of accidents due to rushes etc. But as it is a public development program, individuals need to provide their private land. Many people get affected adversely when land is acquired for public purposes. For protecting such person's rights, theright to fair Compensation and Transparency in Land Acquisition, Rehabilitation and Re-settlement act, 2013 was enacted. 4thsection of this act rules that if land is acquired for the nation's development, public interest and social impact needs to be assessed.

SUGGESTIONS

- Compensation should be given to owners by considering the benefits to public above project expenditure.
- As a part of land acquisition, people living around loses land, house etc. They are eligible for availing compensation under 2013 Act.
- The family who loses land and house as part of the project should be resettled adequately.

SUMMARY

Perumbavoor Bypass Road Project-1stPhase will be a milestone when compared to the travelling difficulty. This project required 269.02 Are of land. RFCTLARR Act 2013 will be helpful in availing compensation to the affected.

People has to let go their properties and belongings as the part of project. The affected area has 3 houses, among which one is built in a wasteland. And it includes fields, trees, land of Devaswometc. too. If the project is implemented, it will be helpful in reducing time and distance of travelling.

The affected people should get their compensation as per RFCTLARR Act 2013. Hence the study unit has assessed socialimpact and has included suggestions to reduce impact in this report.

While analysing the beneficial side of the project, Perumbavoor Bypass Road Project requires this land. And the affected people can be given adequate compensation by using the RFCTLARR Act 2013.

FOLLOWING ARE THE SUGGESTIONS AND RECOMMENDATION

- The higher compensation for land and assets need to be fixed and give it without delaying the processes
- Assistance is required for shifting the belongingness of the affected family as part of the Re -settlement
- Provide temporary shelter for the families need to be shifted from the proposed land
- Favorable consideration towards the affected families are required while job opportunities arise as part of the project execution
- Skill development for the affected families are anticipating and rehabilitate these families adjoining to the present location, as much as possible
- Make use of counseling services of the social organization to reduce the mental agony and distress of the affected families while displacing from the present dwelling

ACKNOWLEDGEMENT

This SIA Study project would not have completed without the help of different people and organisations. First of all we are grateful to the revenue department for entrusting this project to Youth Social Service Organisation. We also remember and acknowledge our gratitude to Ernakulam District Collector and all the staff members for their timely guidance to complete this project successfully.

We also acknowledge our gratitude to Special Thahasildar L.A. General and all the staff members for helping us to collect all the details of land acquisition. We remember RBDCK and all the staff members for their service to complete this project.

We Thank Perumbavoor Muncipality staff members, staff members of Perumbavoor Village and all the people of project area for their help and cooperation.

We also gratefully remember the Executive Director of Youth Social Service Organisation for being the back bone of this project and guiding us in every step. If we could not have received any support from all these persons, we would not have completed this project successfully.

ANNEXURES

Annexure 1 (a) Gazatte notification

C കേരള സർക്കാർ Government of Kerala 2019



Regn.No. KERBIL/2012/45073 dated 05-09-2012 with RNI Reg No.Kl/TV(N)/634/2018-20

കേരള ഗസറ്റ് **KERALA GAZETTE**

അസാധാരണം

EXTRAORDINARY

ആധികാരികമായി പ്രസിദ്ധപ്പെടുത്തുന്നത് PUBLISHED BY AUTHORITY

വാല്യം 8 Vol. VIII

തിരുവനന്തപുരം, വ്യാഴം

Thursday

Thiruvananthapuram,

21st November 2019 **1195 വൃശ്ചികം 5** 5th Vrishchikam 1195 1941 കാർത്തികം 30 30th Karthika 1941

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No.

GOVERNMENT OF KERALA

REVENUE (B) DEPARTMENT

NOTIFICATION

G.O.(P)No.80/2019/RD

Dated, 19-11-2019

Thiruvananthapuram,

S. R. O. No. 913/2019

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 of 248.40 Ares of land comprised in Perumbavoor Village of Ernakulam District for the construction of Perumbavoor bypass.

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 hereby accorded to Social Impact Assessment Unit, viz. Executive Director, Youth

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Social Service Organisation, Kothamangalam to conduct a Social Impact assessment Study and to prepare a Social Impact Assessment Plan as provided in the Act. The process shall be completed within a period of two months in any case.

District: Ernakulam

SCHEDULE

Village :Perumbavoor

Taluk : Kunnathunadu

(The extent given is approximate)

Survey No.	Description	Extent (Ares)
Block No.116		
12,22, 23, 24, 25		
Block No 117		
2, 10, 11, 12, 25, 30, 31, 33, 34, 35, 36, 70, 72, 78, 79		248.40 Ares
Block No 113		
7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17		
Block No. 112		
2, 3, 4, 10, 11, 12, 17, 18, 19, 20, 21, 22, 23, 25, 26, 27, 46, 55		
Block No 106		
22, 23, 24, 25, 26, 27, 28, 29, 41, 42, 43		

By order of the Governor, K.BIJU IAS ADDITIONAL 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 19.09.2015 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 248.40 Ares of land comprised in Perumbavoor Village of Ernakulam District for the construction of Perumbavoor bypass.

The notification is intended to achieve the above object.

PUBLISHED BY THE SUPERINTENDENT OF GOVERNMENT PRESS AT THE GOVERNMENT CENTRAL PRESS, THIRUVANANTHAPURAM, 2019

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Annexure 1(b)Draft notice copy

Collectorale 500/100 19/149 3 3 2016 GPE @ Govt. of Kerala കൈപ്പറ്റ് രസീത് C5-317449/2020/TDCERM Yoult social service Organizatoring and : agaiseng നമ്പർ . DISTRICT COL 17 JAN 2020 ERNAT താങ്കളുടെ.....തീയതിയിലെ..... (വിഷയം) സംബന്ധിച്ച് പരാതി/നിവേദനം/അപേക്ഷ കൈപ്പറ്റിയിരിക്കുന്നു. ആയതിന്മേലുള്ള തീരുമാനം എത്രയും വേഗം താങ്കളെ അറിയിക്കുന്നതാണ് ഇതിന്മേൽ തുടർന്നുള്ള എഴുത്തുകുത്തുകളിൽ ഈ രസീതിലെ നമ്പർ ദയവായി സൂചിപ്പിക്കേണ്ടതാണ്. ബന്ധപ്പെട്ട ഉദ്യോഗസ്ഥന്റെ ഒപ്പ്

പെരുമ്പാവൂർ ബൈഷാസ് റോഡിന്റെ ഭൂമി ഏറ്റെടുക്കുന്നതുമായി ബന്ധപ്പെട്ട് കേരളാ ഗസറ്റ് വിജ്ഞാപനം G.O(P) NO.80/2019/RD, Dt-19.11.2019, അടിസ്ഥാനമാക്കിയുള്ള സാമ്യഹ്യ പ്രത്യാഘാത പഠനത്തിന്റെ കരട് രേഖ /2020 ഈ ഓഫീസിന്റെ നോട്ടീസ് ബോർഡിൽ പ്രസിദ്ധീകരിച്ചി

> Spathell-Tabsildar Land Aquibility (Seneral) Ernakulam, Cochin-30

ട്ടുള്ളത്രത്തിന്ത്രമക്ഷ്യപ്പെടുത്തുന്നു. COCHIN-30 582 030 PIN

പെരുമ്പാവൂർ ബൈഷാസ് റോഡിന്റെ ഭൂമി ഏറ്റെടുക്കുന്നതുമായി ബന്ധപ്പെട്ട് കേരളാ ഗസറ്റ് വിജ്ഞാപനം G.O(P) NO.80/2019/RD, Dt-19.11.2019, അടിസ്ഥാനമാക്കിയുള്ള സാമൂഹ്യ പ്രത്യാഘാത പഠനത്തിന്റെ കരട് രേഖ /2020 ഈ ഓഫീസിന്റെ നോട്ടീസ് ബോർഡിൽ പ്രസിദ്ധീകരിച്ചി ട്ടുള്ളതായി സാക്ഷ്യപ്പെടുത്തുന്നു.

VID. SZ-NIHJOJ **OPMEN**

17/01/2020 DEPUTY COLLECTOR ROADS AND BRIDGES DEVELOPMENT CORPORATION OF KERALA LTD. COCHIN - 682 025

പെരുമ്പാവൂർ ബൈഷാസ് റോഡിന്റെ ഭൂമി ഏറ്റെടുക്കുന്നതുമായി ബന്ധഷെട്ട് കേരളാ ഗസറ്റ് വിജ്ഞാപനം G.O(P) No.80/2019/RD, Dt-19.11.2019, അടിസ്ഥാനമാക്കിയുള്ള സാമൂഹ്യ പ്രത്യാഘാത പഠനത്തിന്റെ കരട് രേഖ /2020 ഈ ഓഫീസിന്റെ നോട്ടീസ് ബോർഡിൽ പ്രസിദ്ധീകരിച്ചി ട്ടുള്ളതായി സാക്ഷ്യക്ഷെടുത്തുന്നു.

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സതി ജയകുഷ്ണൻ ചെയർപേഴ്സൺ പെരുമ്പാവൂർ നഗരസഭ



പെരുമ്പാവൂർ ബൈഷാസ് റോഡിന്റെ ഭൂമി ഏറ്റെടുക്കുന്നതുമായി ബന്ധപ്പെട്ട് കേരളാ ഗസറ്റ് വിജ്ഞാപനം G.O(P) NO.80/2019/RD, Dt-19.11.2019, അടിസ്ഥാനമാക്കിയുള്ള സാമൂഹ്യ പ്രത്യാഘാത പഠനത്തിന്റെ കരട് രേഖ /2020 ഈ ഓഫീസിന്റെ നോട്ടീസ് ബോർഡിൽ പ്രസിദ്ധീകരിച്ചി ട്ടുള്ളതായി സാക്ഷ്യപ്പെടുത്തുന്നു.

Billin PERIMBAVOOR.

Annexure 2 Socio economic survey questionnaire

Socio Economic Survey for Social Impact Assessment Study Land Acquisition for Perumbavoor Bypass Road 1st Phase Project, Ernakulam District

SIA Ref No.	
Interviewer's Name	
Survey Date	
Supervisor Name	
Data Entry Staff Name	
Date Entered Date	
Data verified by, and Date	

Respondent's Name	
Name of the affected person (if different from above)	
Address including PINCODE (Location in the Affected Area)	
Contact (Landline No.)	
Contact (Mobile No)	
Identity Card Details (any one id proof)	
Aadhaar No.	
Ration Card No.	
Passport No.	
Voters Id	

Q.1 Identification	Place/Location	
	Ward No.	
	Name of Panchayath	

Q. 2 Respondent	Owner		Representati	ve of Owner
Q. 3 Name & Address of the Respondent	Owner		 oresentative Owner	

ASSET DETAILS

Q. 4 Type of Property

Open Land Nila	am	NilamNikathuPurayidam	
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Q. 5 Type of use

Q. 6 Name of title holder of the property		
(Specify the names of all the members specified as per the title deed)		
a) Communication Address (with PINCODE)		
b) Contact No		
c) Relationship with family head		
d) Acquisition by	Hereditary	
	Purchase	
	Encroached/squatter	
	Others (specify)	
e) Date of acquiring of the property (approx period)		
f) Details of transactions made on the property within the last three years		

Q. 7 Property Details

a) Survey No (Mandatory	
-------------------------	--

b) Total Area (in hectares)	
c) Area Affected (in hectares)	

In case of more than one property please use additional pages

IMPACT

Q.8 Extent of acquisition	Fully	Partially	
Q. 9 Whether property viable after implementation of project	Yes	No	

Q. VULNERABILITY

Q. 10 Do you have Ration Card?	Yes	No	If Yes, Mention Number
Q. 11 Type of Ration Care	BPL	APL	ААҮ

GENERAL INFORMATION

Q. 12 Size of Family/ household (specify no of family members)	Male	Female
Taminy members)		

Family Joint Pattern	Nuclear	Individua	I
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Q. 13 Religious	Hindu	Muslim	Christian	Jain	Others	
Q. 14 Social Group	SC	ST	OBC	General	Others	

FAMILY MEMBERS – DETAILS

SL	Na			-			Education	ı	Jo	Month	Major
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	family				

Q. 15 Livelihood (Major Source of Income) of Family affected	Yes	No	

Q. 16 Family Income & Source

a) Family monthly income (in Rs.)	
b) Family monthly expenditure (in Rs.)	
c) Major Source of Income	
c) No of adult earning members	
d) No of depenents	

Project Related Information

Q. 17. Are you aware of the proposed Perumbavoor Bypass Road 1st Phase Project	Yes	No	

Q. 18 If yes, source of information

Newspaper	Internet/Social media	TV/Media	
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Q19. What is the positive or other impacts envisaged from this project development

Positive impacts perceived	Other perceived impacts
Increase in employment opportunities due to better access facilities	Loss of productive land for agriculture
Increase in movement in terms of facility and frequency	Pressure on existing infrastructure
Increase in economic and business activities	Conflict with outsiders
Increase land prices	Increase in the density around the project area
Improvement in the real estate sector	Increased spread of communicable diseases and other vulnerabilities
Better reach/access to larger towns (health/education)	Increase in rentals for tenants for both residential and commercial properties
Higher income from rental due to this infrastructure development	Others (specify)
Others (specify)	

Q. 20 REHABILITATION OPTIONS

a) Owner

	Equivalent/better productive land	
What is preferred rehabilitation measure	Case compensation at replacement value	

Training for income restoration	
Other (Specify)	

Additional information

Annexure 3 Public hearing notification news (Mangalam, Metro Vartha)





Annexure 4 Notice to the affected families



Executive Director Fr. Jose Paruthuvayalil

ഫാറം നം. 5.ചട്ടം 14 (1) കാണുക

No.17/SIA/ PBVRBR/2020

<u>നോട്ടീസ്</u>

ഇതോടൊപ്പമുളള പട്ടികയിൽ വിവരിച്ചിട്ടുളള ഭൂമി ഒരു പൊതുആവശ്യത്തിന അതായത് പെരുമ്പാവൂർ ബൈപ്പാസ റോഡിന്റെ നിർമ്മാണത്തിനു വേണ്ടി ഭൂമി ആവശ്യമുണ്ടെന്നോ, ആവശ്യ മുണ്ടായേക്കാമെന്നോ ജില്ലാ കളക്ടർക്ക് ബോധ്യമാകുന്നതിനായി താഴെ പട്ടികയിൽ പറയുന്ന സ്ഥലത്ത് സാമൂഹ്യ പ്രത്യാഘാത വിലയിരുത്തൽ നടത്തുന്നതിന, ഭൂമി ഏറ്റെടുക്കലിൽ ന്യായമായ നഷ്ടപരിഹാരത്തിനും സുതാര്യതക്കും പുനരധിവാസത്തിനും പുനസ്ഥാപനത്തിനുമുളള അവകാശ നിയമം (2013ലെ കേന്ദ്ര ആക്ട്,30)4–ാം വകുപ്പ് 1–ാം ഉപവകുപ്പ് പ്രകാരമുളള കേരള ഗസറ്റ് നമ്പർ G.O(P) NO.80/2019/RD തീയതി4/11/2019ൽ പ്രസിദ്ധീകരിച്ചിട്ടുളളതാണ്. സാമൂഹ്യ പ്രത്യാഘാത വിലയിരുത്തൽ റിപ്പോർട്ട് തയ്യാറാക്കുന്നതുമായി ബന്ധപ്പെട്ട് പെരുമ്പാവൂർ വില്ലേജിൽ ഉൾപ്പെടുന്ന ഭൂമിയിൽ താല്പര്യമുളള എല്ലാവ്യക്തികളും 2020ന ജനുവരി 18–ാംതീയതി ഉച്ചക്ക് 2 മണിക്ക് കുന്ന ത്തുനാട് താലൂക്ക് കോൺഫറൻസ് ഹാൾ, സിവിൽ സ്റ്റേഷൻ, പെരുമ്പാവൂരിൽ വച്ച് നടത്തപ്പെടുന്ന പബ്ലിക് ഹിയറിംഗിന ഹാജരാക്കേണ്ടതാണെന്ന് ഇതിനാൽ അറിയിച്ചുകൊളളുന്നു.

പട്ടിക

താലൂക്ക് :കുന്നത്തുനാട്, ജില്ല : എറണാകുളം, വില്ലേജ് : പെരുമ്പാവൂർ

(ഏകദേശവിസ്തീർണ്ണംതന്നിരിക്കുന്നു)

വില്ലേജ് പെരുമ്പാവൂർ വിസ്തീർണ്ണം 269.02 Ares.

കോതമംഗലം 03.01.2020



(ഒപ്പ്),ചെയർപേഴ്സൺ സാമൂഹ്യ പ്രത്യാഘാത നിർണ്ണയയൂണിറ്റ്

Youth Social Service Organization Social Service Center 2 M.A College P.O, Kothamangalam - 686 666, Cochin, Kerala 9446510628 | 0485 2971222 | 9645994000 e www.ysso.net | e ysso95@gmail.com

Annexure 5 List of participants-officials and affected families

PBVR

LIST OF OFFICIALS IN THE PUBLIC HEARING

Notification number G.O(P) NO.80/2019/RD, 14. 11. 2019

Social Impact Assessment Study For Perumbavoor Bypass Road 1st Phase at Kunnathunad Taluk, Perumbavoor Village

Block NO. 106,112,113,117 Date : 18/01/2020

TIME: 2.00pm

Venue : Conference Hall, Kunnathunad Taluk.

SL NO.	NAME	DESIGNATION.	CONTÀCT NO.	SIGNATURE
1	Lilty Joseph	Spend Tabaila General Kathaf	94961517,86	Sillestorela
2	Lalta.K.A	Revenue Inspectio	9495742047	Storfalks
3	Vinod Ray	Tobsil Jors Isnonathral	94470745371	2.7
4	Mary Pruja Ponseka	Revenue Inspection	9446071739	2
5 .	Jayan J.K	ST clerk	7356336926	5-5
6 ;	LISSY KF	AGM, RBOCK	9446088778	the -
7	P. Rajan	Depty States	976458565	8 Man
8	MINI GOSH4	Councillor. PBVR.	9847189511	Menulle
9	Shenew H.K.	Village offen	8547613602	AD
10	PRAVEENKOMARPR	Porusbern Surveyor	9497007605	pomention
11	Varley Joseph	P.A. FAMLA	9442264630	es a
12				~
13				

PBVR

LIST OF PARTICIPANTS IN THE PUBLIC HEARING

Notification number G.O(P) NO.80/2019/RD, | # 11.2019

Social Impact Assessment Study For Perumbavoor Bypass Road 1st Phase at Kunnathunad Taluk, Perumbavoor Village

Block NO. 106,112,113,117 Date : 18/01/2020

TIME: 2.00pm

Venue : Conference Hall,Kunnathunad Taluk.

SL NO.	NAME	SURVEY NO.	CONTACT NO.	SIGNATURE
	Greetha Venugopel	61 PL	9895-164	Opentition
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3	Savojini	36,37,38	9446867601	dead.
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9	Greeniv. Bur	10/1-4,11	1-5 49610	400/ 00
10	Manujik	100 112) Resu	808634035	7 Manoril
11	T.K.SANTHOS I KUMM	72/117/135	26.9995417230	Selen
12	M.K. SUBRAMONIL		938725453	to Stanon
13	ANI. K. NATHENI		484788823	6 EBER
14	KGEORGE.	1 3-3 4-	944229935	3 2 Qa

15	SAJEEV M. JACOB	Black -113	9847478122	8-s
16	Doyand Ang	9-14	97-46216438	
17	K. Rawindram	1/3	989570515	Raverdu
18	Simon Daw	Block 117	9446925904	1.1
19	A Somer Tani	12/2	944722585	
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27	Bahn Jayapradap	Block. 106/24 Block. 112/17 22	9447579993	Ony
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42		Susi Santhosh	7		
42		Sangeeth San	Hhosh)	when	996181902
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44		Surya Santh	0	*	
45		Sheele Vayhesele -	36,37/2		
46		Arma George	32, 33	Sheele Vagheed	9446324052
		Radhamani	hour no-1/161	top	
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51	_	M.V. Joseph	Block117-70	m	9495318
		M. Aleyamma	-	sonderfor	
52		S.M.K. MAIR	Surger 16 2 17	Man	9544336936
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Annexure 6 Copy of the reply letter from the authorities

Roads and Bridges Development Corporation of Kerala Ltd.

(A Government of Kerala Undertaking)

CIN : U45203KL 1999SGC013314 Regd.Office : 2nd Floor, Preethi Building, M.V. Road, Palarivattom Kochi - 682 025 Phone : 91-484-2338205, 2338206, 2345171 Fax : 91-484-2533294 E-mail : rbdckltd@gmail.com Website : www.rbdck.com

RBDCK/T 172/Vol. II /182 24.01.2020

ചെയർപേഴ്സൺ സാമൂഹ്യ പ്രത്യാഘാത യൂണിറ്റ് സോഷ്യൽ സർവ്വീസ് സെന്റർ & കോളേജ് പി.ഒ. കോതമംഗലം–686 666 ഫോൺ: 9446510628

സർ,

വിഷയം: പെരുമ്പാവൂർ ബൈപ്പാസ് റോഡ് പദ്ധതിയുടെ സാമൂഹ്യ പ്രത്യാഘാത പഠനവുമായി ബന്ധപ്പെട്ടുള്ള പബ്ലിക് ഹിയറിംഗിനെ –സംബന്ധിച്ച് സൂചന: 21.01.2020 തീയതിയിലെ കത്ത്.

സൂചന പ്രകാരം താങ്കൾ ആവശ്യപ്പെട്ടിരിക്കുന്ന പ്രശ്നങ്ങൾക്കുള്ള മറുപടി താഴെ ചേർക്കുന്നു.

.....

- 1. പി.ഡബ്ല്യൂ.ഡി ചീഫ് എഞ്ചിനീയർ അപ്രൂവ് ചെയ്തതും മുൻപ് എൽ.എ. നടപടികൾ തുടങ്ങിയിരുന്നതുമായ അലൈൻമെന്റിൽ തയ്യാറാക്കിയ ഡി.പി.ആർ പ്രകാരമാണ് പദ്ധതിയ്ക്ക് കിഫ്ബി അംഗീകാരം ലഭിച്ചിട്ടുള്ളത്. കെട്ടിടങ്ങൾ ഒഴിവാക്കുവാനായി അലൈൻമെന്റിൽ മാറ്റം വരുത്തുവാൻ സാധിക്കുന്നതല്ലെന്ന് അറിയിക്കുന്നു.
- കുടിവെള്ള പ്രശ്നം, വെള്ളക്കെട്ട്, മണ്ണിട്ട് പൊക്കൽ, പരിസര മലിനീകരണം എന്നിവ സംബന്ധിച്ച് പ്രദേശ വാസികൾക്ക് ബുദ്ധിമുട്ടില്ലാത്ത തരത്തിൽ പദ്ധതി നിർമ്മാണം നടപ്പാക്കുന്നതാണ്.

വിശ്വസ്തതയോടെ, Sd/-മാനേജിംഗ് ഡയറക്ടർ

//ഉത്തരവിൻ പ്രകാരം//

anno ascnad (i/C)

സ്പെഷ്യൽ തഹസിൽദാർ(എൽ.എ)ജനറലിൻറെ സി4-1398/16 കാര്യാലയം, എറണാകുളം, തീയതി 21/01/2020 പ്രേഷിതൻ സ്പെഷ്യൽ തഹസിൽദാർ (എൽ.എ)ജനറൽ. എറണാകുളം സ്വീകർത്താവ് ചെയർ പേഴ്സൺ സാമൂഹ്യ പ്രത്യാഘാത പഠന യൂണിറ്റ് YSSO, കോതമംഗലം സർ, പെരുമ്പാവൂർ ബൈപ്പാസ് റോഡ്- സാമൂഹ്യ പ്രത്യാഘാത വിഷയം : പഠനം വില് നിർണ്ണയം, ആഘാതബാധിതരുടെ സ്ഥലം ഏറ്റെടുക്കലിൻറെ അളവ് എന്നിവയുടെ വിവരം നൽകുന്നത് - സംബന്ധിച്ച്

സൂചന : സാമൂഹ്യ പ്രത്യാഘാത പഠനയൂണിറ്റ് ചെയർപേഴ്സൻറെ 21/1/2020 ലെ ഇ-മെയിൽ സന്ദേശം.

മേൽ സൂചന പ്രകാരം ആവശ്യപ്പെട്ട വിലനിർണ്ണയം , ആഘാത സ്ഥലം ഏറ്റെടുക്കലിൻറെ അളവ് എന്നിവ സംബന്ധിച്ചുള്ള ബാധിതരുടെ മറുപടി ഇതോടൊപ്പം ചേർക്കുന്നു.

വില നിർണ്ണയത്തിനായി എൽ.എ.ആർ.ആർ ആക്ട് 2013- ലെ സെക്ഷൻ 26 -ൽ പരാമർശിച്ചിട്ടുള്ള മാനദണ്ഡങ്ങൾക്ക് വിധേയമായിട്ടാണ് ഏറ്റെടുക്കുന്ന സ്ഥലത്തിൻറെ വില നിർണ്ണയം നടത്തുന്നത്.

അർത്ഥനാധികാരി കല്ലിട്ടതിൻ പ്രകാരവും അർത്ഥന പ്രകാരവും ഉള്ള ഓരോ സർവ്വെ നമ്പറിൽ പ്പെട്ട സ്ഥലത്തിൻറെയും വിസ്തീർണ്ണം അനുസരിച്ചാണ് സാമൂഹ്യ പ്രത്യാഘാത പഠനം നടത്തിയിട്ടുള്ളത്. 11(1) നോട്ടിഫിക്കേഷന് ശേഷം സെക്ഷൻ 12 പ്രകാരം ലാൻഡ് അക്വിസിഷൻ ഓഫീസിൽനിന്നുള്ള സർവ്വെയ്ക്ക് ശേഷം മാത്രമേ ഓരോ സർവ്വെ നമ്പറിലുമുള്ള വിസ്തീർണ്ണത്തിൻറെ കൃത്യത ഉറപ്പുവരുത്താനാകുകയുള്ളു എന്ന വിവരം അറിയിക്കുന്നു.

വിശ്വസ്തതയോടെ

സ്പെഷ്യൽ തഹസിൽദാർ (എൽ.എ)ജനറൽ.



