

**SOCIAL IMPACT ASSESSMENT FINAL REPORT
OF
LAND ACQUISITION FOR MINI-BYE PASS
PUTHIYATHERU- KANNOTHUMCHAAL
KANNUR- II, CHIRAKKAL, PUZHATHI & ELAYAVOOR
VILLAGES OF KANNUR TALUK, KANNUR DISTRICT**



Submitted to
The District Collector, Kannur

By
**Don Bosco Arts and Science College
Angadikadavu, Kannur**
www.donbosco.ac.in

01 DECEMBER 2022

DECLARATION

Kannur District Administration through its promulgation with File No. :DCKNR/1737/2022-C6(1) dated 16/05/2022) and G.O.(P)No. 165/202 GO No. 1817 RD Thiruvanthapuram, dated 02/06/2022, entrusted to Don Bosco Arts & Science College, Iritty (Kannur) the Social Impact Assessment (SIA) of the Land Acquisition for the for the Puthiyatheru-Kannothumbal Mini Bypass under the Kannur City Road Improvement project in Ckirakkal, Puzhathi, Kannur-2 and Elayavoor villages of Kannur Taluk, Kannur District. As per the land details given by the Office of the Deputy Collector (LA) Kannur , Special Tahasildar (LA- City Road Improvement Project) Kannur, Kerala Roads Fund Board Kannur Unit, and alignment sketch, and the guidance from the Kannur Corporation Mayor , Ward Councillors:- Mrs Sukanya Teacher, Mr.Ravindran, Mrs. Indira, Mrs. Kaulath, Mr. Kookkiri Rajesh Chirakkal Panchayath President Mrs. Sruthi P.P., Ward members: Mrs. Reena Ali, Mrs. Molly T. Mrs Valsala the SIA Team collected data from the project affected families, other affected institutions and the stakeholders of the proposed project, as soon as the college received the Intimation. After the draft report was published on 16/11/2022 and the public hearing (01/12/2022), the following report has been drawn up and published today. The supportive documents have to be verified by the concerned authorities.

Director
Social Impact Assessment Unit
Don Bosco Arts and Science College, Iritty, Kannur

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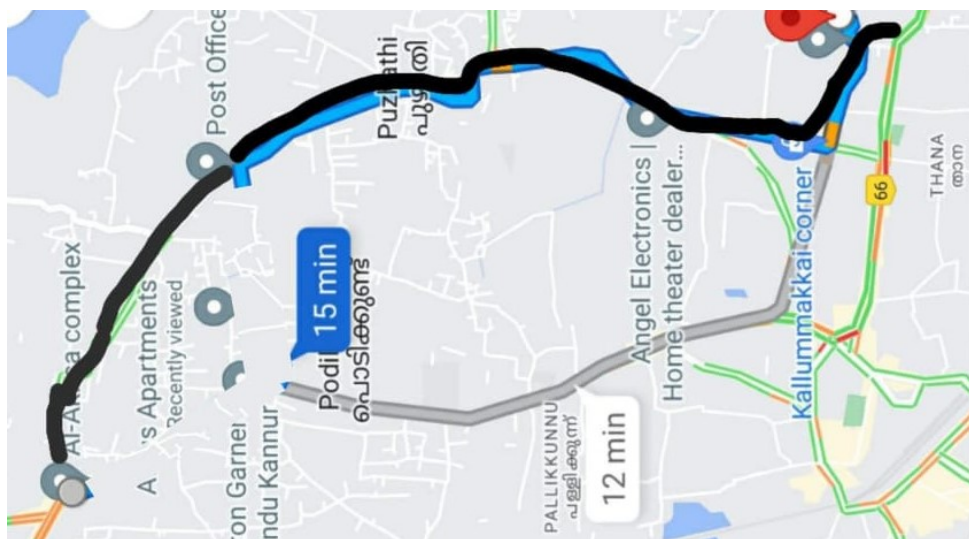
CHAPTER – 1 EXECUTIVE SUMMARY

1.1 Project and Public Goals

The land acquisition work is as per the RFCTLARR Act 2013 for the Puthiyatheru- Kannothumbchal Mini- Bypass in Chirakkal, Puzhaathi, Kannur-2 and Elayavoor Villages of Kannur Taluk, Kannur District. It is under the Kannur City Road Improvement Project. The major purpose of the project is to upgrade the existing Road to a mini by pass with required width and other standards. The acquisition is to remove the traffic block and congestion in the centre part of Kannur City-which is the NH-66 Panvel - Kanyakumari 1608 km. long busy National Highway parallel to the Western Ghats connecting 5 states. Hence the number of vehicle moving through this road often causes a lot of traffic congestion and blockade. The proposed Mini-bypass starts at Stylo junction in Puthiyatheru runs through Pangad, Kottali, Kunjippalli, Kakkad, Dhanalakshmi Junction reaching MVK Restaurant in Kannothumbchal. Completion of the Mini bypass will divert the vehicles from Thaliparamba side to Kozhikode side to reduce the traffic congestion in Kannur city junctions like AKG, Thekky Bazar, Kaltex Junction, and Thana Junction. Moreover it is the Airport road via Kakkad to Varam/Mundayad and hence the new up gradation will help the Airport passenger vehicles too.

The total land to be acquired other than the existing road for the mini bypass is about 4.7316 hectare. The proposed Mini bypass project has a length of 7.1 km. with a width of 14 meter for a two lane transport.

1.2 Location



The proposed location Map of the Mini bye-pass project
(The alignment sketch is given in the annex).

1.3 Size and Attributes of Land Acquisition

The Social Impact Assessment is for the acquisition of 4.7316 hector of land from Kannur - 2, Elayavoor, Puzhathi and Chirakal villages from 65 survey numbers. The land required for the proposed project is adjacent to both the sides of the existing road and in some cases the absolute curves are to be negotiated. The attributes in the land include residential houses, 2 Anganvadi, 4 schools, commercial/livelihood shops, multi storied buildings, amenities of multi-storeyed apartment, public utility roads, and electric transformers etc. are affected. Both the sides of the existing road is used for the purpose, the land required for the project is comparatively less and in Kakkad town there are multi-storied buildings fully affected and the takeover steps are not simple.

1.4 Searches for Alternative Route

The study team searched for other alternative route for the project. The proposed Mini-bypass is under the Kannur City Road Improvement project and its aim is to divert the vehicles coming from Northern part heading towards south and also to enhance the infrastructures in the Corporation area. It is a fact that the upcoming city road expansion, the NH-66 expansion and also the bye-pass that would reduce the traffic flow to a great extent in the future. Up on the enquiry with the affected and other stake holders, 38 of the affected/representatives with the opinion that, this alignment is not that important as there is an exclusive By-pass for the NH-66 and also there is a Flyover in the present NH in Thekki Bazar. They suggested that if at all requires some extra land, take equal distance from the middle of the road to both the sides. In other way the land acquisition is not for new road alignment but to expand/ alter some areas of the existing road.

Tble:1.1 Alternate Alignment		
	Frequency	Percentage
Yes	39	10.9
No Response	319	89.1
Total	358	100

Table No. 1.1 shows the details of alternatives to the alignment. 39 out of 358 stated that are other alternatives to avoid this road expansion while large majority did not suggest any alternatives.

1.5 Social Impact

The total area of land required for the Mini-By-pass from Puthuyatheru to Kannothumball project (7.1 km) is 4.7316 hectares from 65 survey numbers of Chirakkal, Puzhathi, Kannur II and Elayavoor Villages of Kannur Taluk in Kannur District. The most crucial negative impact of the project is the loss of houses partially and fully, 2 Anganvadi, portions of 4 schools, frontage of health centre, religious places and its properties, commercial/livelihood structures/ its frontages belong to households and their dependents etc. The acquisition of this land out of 358 is affecting 75 household completely and 283 are affected partially. It is estimated to directly affect a population of 1610 (Male 778, Female 836) people. It also affects rented business owners and dependents including their staff and dependents / who lose their livelihood/ income/ salary due to the acquisition. For 227 of them, it is their ancestral property and they are forced to break that emotional attachment too. For 172 households, they don't have any other land or property. It also affected the income / livelihood of 165 individuals/ families and their dependents. A comfortable compensation, rehabilitation and resettlement may be enough to cure/settle completely the wound by the acquisition. It is also important to note that if the width of the road is reduced to 12 meter, the impact can be reduced.

1.6 Mitigation 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 enough to manage the social issues. Speeding up the acquisition process and disbursement of compensation is recommended.

Table No.1.2 Breakdown of Social Impact and Mitigation Steps			
Sl. No.	Type of Impact	Status: Direct/indirect	Proposed Mitigation Measure
1	Loss/damage of houses	41 houses fully/partially affected - Direct Impact	Rehabilitation/Resettlement as per RFCTLARR Act, 2013
2	Loss/damage of commercial buildings	103 buildings partially affected - Direct Impact	Rehabilitation/Resettlement as per RFCTLARR Act, 2013
3	Wall and gate	105– direct impact	Rehabilitation as per RFCTLARR Act, 2013
4	Well	7 - direct impact	Rehabilitation as per RFCTLARR Act, 2013
5	Roads-public/pvt.	23 roads are affected	RFCTLARR Act, 2013
6	Loss of Livelihood	180 families are affected directly as they lose their livelihood/family income/rent. Livelihood of people/dependents are affected. Business of all affected has	Compensation as per the RFCTLARR Act, 2013

		direct impact - they lose livelihood fully, frontage / parking area etc. Individuals who are doing business for many years will be evicted and lose their livelihood.	
7	Loss of public utilities	Frontage of health centre, Public Roads. 2 Anganvadi, 4 schools, rented post office corporation building in Kottali, Zonal office frontage in Kunjippalli, Kakkad Fish market, taxi parking area KSEB transformers etc.	Rehabilitation works as per the RFCTLARR Act-2013
6	Religious place/ property	12 properties belonging to religious institutions	Compensation as per RFCTLARR Act, 2013

Note: The above data/information are arrived as per the information provided by the respondents / and the observation by the data collection team during the survey. Supporting documents need to be verified and the losses to be calculated as per the government norms.

1.7 Social Impact Mitigation Plan (Mitigation Measures)

Based on the desk review, field investigations and consultations undertaken during the Social Impact Assessment of land acquisition for the Puthiyatheru- Kannothumbal Mini- bypass Project, the following Social Impact Mitigation Plan (SIMP) has been derived. The major mitigation measures drawn are:

Economic Measure

Loss of houses, properties/assets, and livelihood due to acquisition of land for the Puthiyatheru-Kannothumbal Mini-bypass project should be compensated as mandated by the RFCTLARR Act-2013, under sections 26 to 31 and in the First Schedule of the Act for the affected 358 householders / property owners. It is observed and expressed by the affected that minimum alteration to the alignment is done/ change the alignment in such places like multi-storied buildings, houses etc. the cost/compensation can be brought down to a great extent and economic impact can be mitigated. As per the present alignment the bypass is ending at Kannothumbal. It will make the need of a traffic signal there leading to a halt for the vehicles in a short distance. The compensation for the acquiring property, loss of income from the property as the owner or as an employ and the rehabilitation support for the demolished portions will enable the affected to pursue their economic life/livelihood, should be provided as early as possible.

Environmental Measures

The proponent shall design the work eco-friendly and drainages at the site/alignment minimizing the impact on the flora and fauna of the areas.

Table No. 1.3 Positive Impacts			
Impact	Direct/Indirect	Temporary / Permanent	Major/Minor
Less traffic block means fuel saving, time saving and getting done the purpose as early as possible for which the travel is done.	Direct	Permanent	Major
Enhanced infrastructure for transportation	Direct	Permanent	Major
Less accident and smooth emergency vehicle movement like ambulance, Fire & rescue	Direct	Permanent	Major
Escape from the Traffic jam in the heart of the City and reach the destination as early as possible	Direct	Permanent	Major

The discussions and interactions with various stakeholders except some of the affected families highlighted the need to speed up the acquisition and the compensation and thus to end the immense sufferings of the affected. Some of the affected demand a change in the alignment. The land may be acquired by considering issues and unique situations and providing due compensation as per the RFCTLARR Act-2013. The project is part of the Kannur City Road Improvement project and it is important for the smooth transportation of local and outstation vehicles/passengers; 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, minimizing the negative impact of the project.

Social & Religious Measures.

The Mini by-pass making would require land, properties of the religious, institutions.

1.8 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 enough to manage the social issues. Speedy disbursement of compensation is recommended. Compensation as per RFCTLARR Act, 2013 apart from the possible revision of the alignment, will be enough to mitigate the impacts like loss of houses/structures/land, loss of productive assets, loss of business, loss of public utilities and religious places. A total of built up properties are either fully or partially affected, including public utility/civic/ institutions, properties belonging to religious groups and households who lose their portion of residences, shops / livelihood, commercial rooms of building, etc. that need rehabilitation measures.

1.9 Major Suggestions by the Affected

Following are the major suggestions and recommendations proposed by the affected to mitigate the impacts on them:

- A Thick residential houses and buildings of livelihood activities, schools etc. must not have opted facilities like bus bay and increase the width of the road where ever there is a need of it.
- A lot of houses and multi storied buildings are affected and will require huge money for compensation and hence make possible revision of the alignment and save reduce the impact of acquisition.
- Some houses/buildings are affected in such a way that if made some changes in the plan the property will not stay intact.
- The simple example to say that the alignment is unscientific is that in Stylo Junction the acquisition is from southern side and the vehicles have to come from the northern side. Make changes in the alignment and take land from both the sides of the road.
- The alignment reaching Kannothumbal will invite the need for a traffic signal there apart from affecting the houses and livelihood buildings. If the alignment is taken straight to Thana from Dhanalakshmi junction the blockade of two signals can be limited to one.
- Support for setting up the livelihood after completing the reconstruction of the remaining building.
- Value calculation in par with market value
- Grant some relaxation in the Municipal Act/Rule of minimum distance from the road for the new buildings in the remaining available land.
- Acquire the land or property only if the proposed widening work will commence and complete in a given time span.
- When the public/govt. institution properties acquired, wall and gates are demolished make on the spot temporary arrangements for the safety of the properties and execute the tender in such a way that the contractor will carry out such works too.
- Constructions works may be done in a prepared manner and time-bound so that the livelihood/ commercial activity will not be halted for a long period causing blockade in the economic activities.

- Intimate the affected about how much land required for the project and will there be left over land that can be used. There should be proper communication from the authorities on acquisition and marking/ stone installing.
- Balankada: Since more than 50 years my father was running the hotel to make a living and now me. On one side my house and the other side this livelihood is affected. Just like my two eyes. Don't take both. Spare one.
- Its just a short while ago the people of Kakkad town given land free of cost for road expansion. Now again acquisition cannot be agree. There is enough width in the town. There is no much traffic issues in Kakkad town as most of the vehicles coming from Puthiyatheru are taking diversion just before the town towards Vaaram.
- Many in Kakkad town taken bank loan for making the building and now if the buildings are acquire then loan repayment and the livelihood will be affected badly.
- As the acquisition affect 4 schools and 2 Anganvadies, the future of those students will be affected and there is a deeper concern about the same.
- There is some areas where the footpath not available and no space for pedestrians to walk safely. This issue to be addressed seriously.

CHAPTER 2

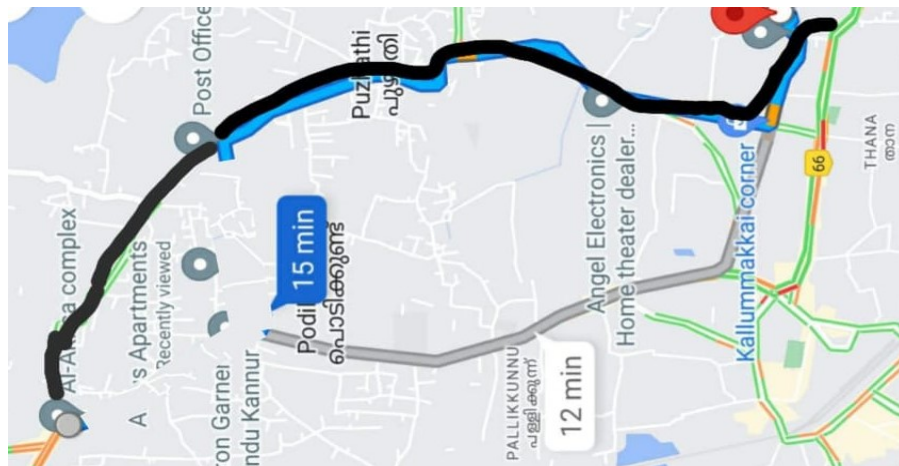
DETAILED PROJECT DESCRIPTION

2.1 Background and Rationale of the Project

The land acquisition work is as per the RFCTLARR Act 2013 for the Puthiyatheru- Kannothumbal Mini- Bypass in Chirakkal, Puzhaathi, Kannur-2 and Elayavoor Villages of Kannur Taluk, Kannur District. It is under the Kannur City Road Improvement Project. The major purpose of the project is to upgrade the existing Road to a mini by pass with required width and other standards. The acquisition is to remove the traffic block and congestion in the centre part of Kannur City-which is the NH-66 Panvel - Kanyakumari 1608 km. long busy National Highway parallel to the Western Ghats connecting 5 states. Hence the number of vehicle moving through this road often causes a lot of traffic congestion and blockade. The proposed Mini-bypass starts at Stylo junction in Puthiyatheru runs through Pangad, Kottali, Kunjippalli, Kakkad, Dhanalakshmi Junction reaching MVK Restaurant in Kannothumbal. Completion of the Mini bypass will divert the vehicles from Thaliparamba side to Kozhikode side to reduce the traffic congestion in Kannur city junctions like AKG, Thekky Bazar, Kaltex Junction, and Thana Junction. Moreover it is the Airport road via Kakkad to Varam/Mundayad and hence the new up gradation will help the Airport passenger vehicles too.

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2.2 Location



The proposed location Map of Mini bye-pass project(The alignment sketch is given in the annex).

2.3 Size and Attributes of Land Acquisition

The Social Impact Assessment is for the acquisition of 4.7316 hector of land from Kannur - 2, Elayavoor, Puzhathi and Chirakal villages from 65 survey numbers. The land required for the proposed project is adjacent to both the sides of the existing road and in some cases the absolute curves are to be negotiated. The attributes in the land include residential houses, 2 Anganvadi, 4 schools, commercial/livelihood shops, multi storied buildings, amenities of multi-storeyed apartment, public utility roads, and electric transformers etc. are affected. Both the sides of the existing road is used for the purpose, the land required for the project is comparatively less and in Kakkad town there are multi-storied buildings fully affected and the takeover steps are not simple.

2.4 Searches for Alternative Route

The study team searched for other alternative route for the project. The proposed Mini-bypass is under the Kannur City Road Improvement project and its aim is to divert the vehicles coming from Northern part heading towards south and also to enhance the infrastructures in the Corporation area. It is a fact that the upcoming city road expansion, the NH-66 expansion and also the bye-pass that would reduce the traffic flow to a great extent in the future. Up on the enquiry with the affected and other stake holders, 38 of the affected/representatives with the opinion that, this alignment is not that important as there is an exclusive By-pass for the NH-66 and also there is a Flyover in the present NH in Thekki Bazar. They suggested that if at all requires some extra land, take equal distance from the middle of the road to both the sides. In other way the land acquisition is not for new road alignment but to expand/ alter some areas of the existing road.

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2.5 Workforce Requirement

The work force needs to be equipped with modern machineries and planned man power in various ranges in terms of skilled, semi-skilled and unskilled labours. The locals and the family members

whose livelihood are affected may be given opportunity in the construction work as a temporary relief.

2.6 Need for Ancillary Infrastructural Facilities

There is a requirement of alternate traffic route at the time of demolition as some of the multi storied structures on both the sides are to be demolished for the required width. The construction should be carried out by making traffic diversion/control for smooth passage of vehicles and people, till the work is completed for their safety. Required traffic control and diversion including one way system will be unavoidable.

2.7 Applicable Rules and Statutes

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 etc. 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 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.

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

The chapter IV, Section 11 of the Central Act 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,
- 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

TEAM COMPOSITION, STUDY APPROACH AND METHODOLOGY

3.1 Background.

Kannur District Administration through its promulgation with File No. File :DCKNR/1737/2022-C6(1) and with the Govt. of Kerala Gazette Notification (4/1) G.O.(P)No. 165/202 GO No. 1817 dated 02-06-2022, entrusted to Don Bosco Arts & Science College, Iritty (Kannur) the Social Impact Assessment (SIA) of the Land Acquisition for the Puthiyatheru-Kannothumchal Mini bypass in Chirakkal, Puzhathi , Kannur II & Elayavur villages of Kannur Taluk, Kannur District. The objective of a Social Impact Assessment (SIA) is to enumerate the affected land and structures, affected families and persons to identify social impacts, and to prepare Social Impact Management Plan (SIMP). Data from primary and secondary sources have been collected to elicit the information for the current process. As part of SIA, a detailed socio-economic survey has been conducted by experienced members of the SIA unit in the affected area, meeting every affected land owners to assess the adverse impacts, measures/ suggestions to mitigate the impact and their opinion about the project.

3.2 SIA Team

The SIA unit that undertook SIA study comprised of members headed by the Vice-Principal & Head of the Department of Social Work, Don Bosco Arts & Science College, Angadikadavu, affiliated to Kannur University, Kannur. The head of the team is having MBA and MSW and has wide experience in academic and development sectors. The Coordinator of the SIA unit is also with MSW and M. Phil. in Social Work with 28 years experience in research, project planning and implementation in development sector, over decades.

Table No. 3.1 Social Impact Assessment Team			
Sl. No.	Name	Qualification & Designation	Experience
1	Fr. Sojan Pnanchikal	Director	MSW, MBA with experience in Administrative, Academic and Developmental sector.
2	Sebastian KV	MSW, M. PHIL Coordinator, SIA Unit	27 years experience in Development Sector
3	Nimal Thomas	MSW, Research Associate.	5 years experience in development sector

4	Shiju	MSW, Research Associate.	5 years experience in development sector
5	Lissy cyriac	Research Associate.	5 years experience in development sector
6	Greeshma	MSW, Research Associate.	1 year Experience
7	Tessia	MSW, Research Associate.	1 year Experience
8	Santra	MSW, Data Entry operator	1 year Experience
9	Astin	MSW, Data Entry operator.	1 year Experience

3.3 SIA and SIMP Preparation Process

With the help of the Deputy Collector LA, Special Tahsildar (KCRIP) Kannur and staff members, KRFB- PMU, Kannur Corporation Mayor, Ward Councillors including Mr. Kookkiri Rajesh, Mrs.Kaulath, Mrs. Indira, Mrs. Sukanya, Mr. Raveendran, Chirakkal Panchayath President, ward members including Mrs. Molly, KCRIP coordinator Mr. Devesan, and following the alignment sketch, the study team identified the affected area and met the affected. Before starting the detailed SIA study, field visits and pilot study of the socio-economic survey were conducted. For the data collection, the affected people were administered the interview schedule and their feedbacks collected carefully. From secondary sources, an understanding of the physical, social, economic and cultural set up of the project area was obtained. Many pre-coded questions were included in the questionnaire. The survey forms duly filled in were consolidated and entered into a database, the information updated and the report prepared.

While preparing draft SIA SIMP the study team followed some essential components and steps which are (1) identification of socio-economic impacts of the projects, (2) legal frameworks for land acquisition and compensation (RFCTLARR ACT, 2013). The various steps involved in the study have been described in detail.

3.4 Methodology and Data Collection

The methodology adopted for the assessment was a mix of quantitative and qualitative processes. “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 household interviews of the affected land holders for the SIA study area covered 358 property holdings and their dependents who own property, properties belong to religious institutions, Property belong to 4 schools and 2 Anganvadies, other public

utility properties like roads and project location were contacted. 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/property in the alignment and settled / residing far and wide.

Qualitative information was gathered along with the field study / household survey through consultation with stakeholders. The consultations were conducted with the help of interview guides and guideline points. The SIA team developed several formats of interview methods to target various groups of stakeholders which included Project Affected People, elected representatives and representatives of various government departments. The key informant stakeholders, viz., elected representatives like Municipal Chairperson and the ward members, revenue officials etc were contacted and relevant information collected.

During the study a number of informal consultations and discussions were conducted apart from the formal interviews and other information gathering process. Thus the respondents who have land in the project location were covered in the assessment study. The stakeholders were identified and consulted with the objective of understanding the existing socio-economic conditions of the affected area and the immediate surroundings of the proposed project.

The data obtained from the survey was analysed to provide a summary of relevant baseline information on affected populations - all types of project impacts 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.

SOME STILLS FROM THE AREA AND SIA PROCESS



Guidance from the Corporation Mayor and MLA



Meeting with Chirakkal Panchayath prresident



Meeting with the Dy. Collector (LA)



Meeting with the Special Tahasildar, KIIFB



Meeting with KRFB Team



Affected Anganvadi



Affected house



Affected property:- for bus bay



Affected school



Affected LP school Puzhathi



Affected Anganvadi- puzhathi



Affected LP School Kottali

3.5 Site Visits and Information Gathering

From 06/06/2022 onwards the SIA team contacted the Acquisition authorities and visited the site to verify the alignment drawings and to identify the affected area. After identifying the affected areas, the SIA unit consulted with different stakeholders at the project area.

3.6 SUMMARY OF PUBLIC HEARING

In connection with the land acquisition for the Puthiyatheru-Kannothumchal Mini bypass, the areas belong to Chirakkal, Puzhaathi, Kannur-2 and Elayavur villages in Kannur Taluk, Kannur District. The public hearing as part of the SIA for the landowners and the proponents including the acquisition officials was held at Puzhathi Kannur Corporation Puzhathi Zonal community Hall (for the affected from Kottali- Kannothumchal) at Kunjippally, at 11.00 am and at Chirakkal Service Cooperative bank Auditorium (for the affected from Puthiyatheru- Kottali) at 2.00 pm on 1st December 2022.

Gist of the Meeting

Korporation Zonal Office Puzhathi:

List of the Officials participated in the Session

1. Mr. Mohammed Sinan , KRFB- KACRIP Asst.Project Manager
2. Mrs. K Shabeena, Deputy Mayor

3. Mr.Sajn C Varghese Special Tahasildar (LA) KIIFB -2/ KACRIP Project
4. Mr. Sudheer Jayaraaj KACRIP Project
5. Mr. Prakashan V KRFB,
6. Mrs. Sheena Balan, Special Tahasildar (LA) Office, KIIFB -2/ KACRIP Project
7. Mrs. P Kaulath Councillor
8. Mr. Raveendran Councillor
9. Mr. Kookkiri Rajesh, Councillor
10. Mrs. M Shakunthala Councillor
11. Mrs.Panayan Usha, Councillor
12. Mis. Angha Anad, SIA Unit, Don Bosco Arts & Science College
13. Mis. Bhagyashree Balakrishnan, SIA Unit, Don Bosco Arts & Science College
14. Mr. Shijo Joseph, SIA Unit, Don Bosco Arts & Science College
15. Mrs. Lissy Ciryac, SIA Unit, Don Bosco Arts & Science College
16. Fr. Sojan Pananchickal Director SIA Unit, Don Bosco Arts & Science College
17. Mr. Sebastian K V. Coordinator , SIA Unit, Don Bosco Arts & Science College

The list of the affected participated is given in the annexure

The first session of the public hearing started at 11.00 am as the SIA Unit Coordinator made the welcome speech. The session was chaired by Mr. Kookkiri Rajesh, Counsellor Kannur Corporation in the presence of Deputy Mayor, Counsellors including Mr. Raveendran, Mrs.P Kaulath, Mrs. Usha Shri. Sajan C Varghese, Special Tahasildar (L A, KIIFB & KCRIP), Shri. Sinan Muhammad APM-KCRIP - KRFB , etc And other SIA Unit Staff members.



SIA director Fr. Sojan chaired hearing



Coordinator, Sebastian K V

Fr. Sojan Pananchikkal, Director of SIA unit, and HOD of department of Social Work, Don Bosco Arts and Science College made the introduction of the SIA unit and SIA study.

with a brief welcome and introduction of the purpose of the Public hearing by the SIA Unit Coordinator Mr. K.V. Sebastian explained the findings briefly as prescribed in the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act -

RFCTLARR 2013. The affected parties who participated in the Public Hearing presented their problems and made corrections in the draft report accordingly regarding the assets and inventories.



The corporation Deputy Mayor addressed the affected and expressed that the corporation and the counsellors are deeply not only concerned about the impacts on the affected but it is also committed to the basic minimum infrastructure requirements for the people of Kannur City. She said the affected should be given maximum compensation to settle their loss. Deputy Mayor informed that due prior information about the programs and activities the corporation gives permit for construction and investments due to which the plight of the affected become more. She Expressed that the Corporation is aware about the difficulties of the affected and will be with them.

In the presidential Address counsellor Mr. Kookkiri Rajesh told that the traffic issues in Kannur must be solved. None should be left with grievances and in dismay, the rehabilitation and resettlement aspects must be discussed thoroughly. Acquisition and work completion should be done in the stipulated time. All those who are affected directly and indirectly must be protected and given due support and compensation more than that is defined in the act

The Corporation Ward Councillor addressed the gathering by saying that government should give higher compensation than which is permissible under the RFCTLARR Act-2013 to the affected. Because the directly affected and indirectly affected people who are having livelihood in the affected area or people, who are employed there, would be affect very badly. The completion of the flyover would take longer time till then the affected would be in income loss.



Major concerns and Suggestions Expressed by the affected.

A number of affected stood up and expressed their anguishes, doubts and opinion is given bellow:

SN	Name	Concerns and Opinion
1	Beena	Why do we need this Mini Bypass? We should have an opportunity to express our opinion. This project is not required at all.
2	Shefeer	We don't require this project. This project is making serious problems to the people of Kakkad. Just a few years ago we have donated land for road expansion in Kakkad. We are just getting back in to normalcy after that and even the Kovid troubled our life. Now we are just about to stand on our foot. At this time another setback. This business is the only way of life for most of us in Kakkad. Better not to proceed with this project without considering our situations.
3	Praveen	This project is highly unscientific. The land is taken only from one side. The footpath should be on top of the drainage. What is the need of a lot of bus bay in this alignment?
4	Sudheer	Due to this new alignment my house is affected.
5	Izahak	Land should be taken from both the sides. We yet to get the compensation of the previous acquisition.
6	Ranjini	My house is affected, and avoid my house from acquisition. There is land on the other side.
7	K.P.A.Salim	There are buildings in Kakkad town which are not obtained the building numbers. When I get the permit, now I have to pay the building tax for 7 years. The acquisition is for 2 meter width and a number of buildings will be affected totally just for 2 meter width.
8	Ameer	Just to save Corporation zonal office premise including wall and gate, on the opposite the buildings are affected more than half of it. It is not right. Not only have that first of all completed the NH bypass and Flyover in the City. And then decided seriously require the Mini bypass or not.

9	Safvan	My property is on the slope. This project is not required
10	Prakash	I have only 2.45 land near the school. This project is not having any proper plan
11	Praphakaran	When the 6 lane National Highway is completed the traffic issues in Kannur city will be over. This road should be made one way. Take the alignment from Dhanalkshmi Junction to Thana and cancel the alignment from Dhanalkshmi Junction to Kannothumbal.
12	Kottali Kaavu	Take the land from both the sides. About 5 cents of land will be lost. Take the land from both the sides. Will there be any protection wall. How s the compensation is calculated.
13	Thabeetha	Land is taken only from one side. 10 cents of land will be lost make it as a one way. Why do we need this road.
14	Madhusunan	The road is taking the entire front yard. I will have step on to the road. Take the land from both the sides.
15	Raffeque	As the NH bypass is coming up do we really require a Mini bypass here.
16	Mehroof, Mahal President	41 rooms of the Mahal committee is affected directly and many other rooms which given to the individuals are being affected. 12 meter width already we have. Just for 2 more meter do we really need to many 3 storied buildings? As the acquisition is causing a huge compensation, do we really need this alignment?. The method of assessment must be changed.
17	Irshad	Just recently we have given land for the Kakkad town road. If avoid the unauthorised parking on the road sides, all the traffic problems can be solved. We are just away from the clutches of the Kovid now, and again in trouble.
18	Abdulla, H M, Kottali school.	4 schools are affected. The kanjippura and the well is affected in Kottali school. Its not significant to have bus bay here. The acquisition will affect the students and the school badly. Consider this issue.
19	Damodaran	It is not right to take land from one side alone. Take it from both the sides. The drainage and the footpath are made recently.



The affected are responding



Mohammed Sinan , KRFB- KACRIP A.P.M.

Mr.Sajan C Varghese S Thahasildar (LA)

Reply and Clarifications

Mr. Sinan Muhammad, APM, KCIRP/ KRFB responded to the queries and suggestions. The alignment is prepared based on the India Road Congress criteria. The KCRIP is implemented in 3 phases. It is the 3rd phase and it will start only after the completion of the 2nd phase. The land acquisition will start only after SIA study and the Expert committee recommendation on the report.

Why Mini bypass?

The Mini bypass road is part of a road network of Kannur City Road Improvement Project. In that Mini bypass is the most significant one. Even if the NH is completed with 6 line and bypass the traffic rush in this road will not decrease. For example, there is a bypass in Kozhikode; still the traffic rush in Kozhikode city is untold. The purpose of Mini bypass is to provide good road facility to the people.

Why the land is taking from one side only?

The alignment is based on the Indian Road Congress specifications. If the alignment is taking equal distance from the middle of the road, it will not solve negotiating the curves and will remain more accident chances.

Bus bay: the Mini bypass is made for a traffic need for the coming 50 years. So the road should be of that standard.

Mr. Sajan C. Varghese, Special Tahasildar, (LA KCRIP & KIIFB) explained the land acquisition process, need and compensation aspects and clarified the doubts and anxieties of the affected. He explained that the land acquisition will take place only after the SIA is completed and based on the recommendations of the expert committee and the 11/1 notification from the government. He explained that the alignment stones are laid only just to recognise the required boundaries. This will be changed after the actual measurement is done and final land requirement is fixed.

Towards the end of the discussion people started making noise and commotion and finally the discussion was declared completed. The discussion was over at 1.30 pm by the concluding and thanks giving by the Chairperson.

Public Hearing phase – II Chirakkal Service Cooperative bank auditorium



SIA director Fr. Sojan chaired hearing

Coordinator, Sebastian

The second phase of the public hearing was held at Chirakkal Service Cooperative Bank Auditorium at 2.00 pm. The session started at 2.30 pm as most of the participants came late. The SIA Coordinator welcomed the officials and the affected participants.

Fr. Sojan Pananchikkal, Director of SIA unit, and HOD of department of Social Work, Don Bosco Arts and Science College made the introduction of the SIA unit and SIA study.

The SIA Unit Coordinator Mr. K.V. Sebastian explained the purpose of the Public hearing and the findings briefly as prescribed in the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act - RFCTLARR 2013. The affected parties who participated in the Public Hearing presented their problems and made corrections in the draft report accordingly regarding the assets and inventories.



Mrs. Sruthi P, honourable Panchayath President chaired the session. There are acute traffic problems in Puthiyatheru. The affected should not be left trouble. The rehabilitation and resettlement must be done with utmost care and none should be left. We have concern for the same as the project is passing through 4 wards of Chirakkal Panchayath. Acquisition should be fair and

maximum compensation must be provided. The acquisition process should be satisfactory to the affected

The list of officials attended the Meeting.

1. Mr. Mohammed Sinan , KRFB- KACRIP Asst.Project Manager
2. Mrs. Sruthi P. Chirakkal Panchayath president
3. Mr.Sajin C Varghese Special Tahasildar (LA) KIIFB -2/ KACRIP Project
4. Mr. Sudheer Jayaraaj KACRIP Project
5. Mr. Prakashan V KRFB,
6. Mrs. Sheena Balan, Special Tahasildar (LA) Office, KIIFB -2/ KACRIP Project
7. Mrs. Reena Ali Ward Member
8. Mr. Molly T K Ward Member
9. Mis. Angha Anad, SIA Unit, Don Bosco Arts & Science College
10. Mis. Bhagyashree Balakrishnan, SIA Unit, Don Bosco Arts & Science College
11. Mr. Shijo Joseph, SIA Unit, Don Bosco Arts & Science College
12. Mrs. Lissy Ciryac, SIA Unit, Don Bosco Arts & Science College
13. Fr. Sojan Pananchickal Director SIA Unit, Don Bosco Arts & Science College
14. Mr. Sebastian K V. Coordinator , SIA Unit, Don Bosco Arts & Science College

The list of affected participants is given in the annexure.

Summary of the Public Hearing

The affected expressed their concerns and suggestions and made corrections in the draft report. SIA unit Coordinator briefed the findings in the draft report. Special Tahasildar (LA KIIFB& KCRIP) explained the process, procedure, need of land acquisition etc. explained. The Asst. Project Manager (KRFB-KCRIP) explained about the alignment and its specifications.

Major concerns and Suggestions Expressed by the affected.

A number of affected stood up and expressed their anguishes, doubts and opinion is given bellow:

SN	Name	Concerns and Opinion
1	Muhammadkunj	They came and put red mark inside my shop without my knowledge or consent. It's not correct. Acquisition should be from both the sides
2	Satheesan	Is there really a need of bus bay in a road where very few buses are running? There are traffic issue in other parts of the city and how it will be solved? The main pillar of the house is marked as affected.
3	Musthafa	S curves in Stylo junction will be there as it is. The land is taking only from one side.
4	Nalanan	Other 2 options- NH bypass and city road with fly over- are already there. Then why do we need one more bypass. Reduce the width of the road to

		10 meter.
5	Lakshmanan, Rtd. War Officer	My house is the sole property mad in life and it is now going to be acquired.
6	Pushpodaran	I have obtained all the permissions and legal formalities for the construction of my house. But now when the alignment stone is installed half of my house is affected,
7	Jaikumar	The alignment is not correct. Make changes in the alignment and then we will cooperate.
8	Dr. Asha	The survey shows only the house, and the well is not included, as per the alignment the S (yes) bend is only increasing. There should be a re-survey.
9	Dileep	At present there is no bend on the road, and the alignment is making a bend. The main beneficiaries of this road are the locals. Unless the bend in the Stylo junction is changed the situation will not improve.
10	Prasitha	The land is taking only from one side. Hence I will have difficulty to keep 3 meter distance for making a new building.
11	Vipina	Regarding the alignment or road development no information is available in the Panchayath.



Response from the affected

Reply:

Mr. Sinan Muhammad, APM, KCIRP/ KRFB responded to the queries and suggestions. The alignment is prepared based on the India Road Congress criteria. The KCRIP is implemented in 3 phases. It is the 3rd phase and it will start only after the completion of the 2nd phase. The land acquisition will start only after SIA study and the Expert committee recommendation on the report.

Why the land is taking from one side only?

The alignment is based on the Indian Road Congress specifications. If the alignment is taking equal distance from the middle of the road, it will not solve negotiating the curves and will remain more accident chances.

Bus bay: The Mini bypass is made for a traffic need for the coming 50 years. The number of vehicles on the road will increase many fold. The width of the footpath is a standard and it should be maintained for the safety of the pedestrians.

Mr. Sajan C. Varghese, Special Tahasildar, (LA KCRIP & KIIFB) explained the land acquisition process, need and compensation aspects and clarified the doubts and anxieties of the affected. He explained that the land acquisition will take place only after the SIA is completed and based on the recommendations of the expert committee and the 11/1 notification from the government. He explained that the alignment stones are laid only just to recognise the required boundaries. This will be changed after the actual measurement is done and final land requirement is fixed.

In General

- **The Affected:** The alignment should be published in a simple language so that common man can understand it.
- **Panchayath President:** The Panchayath will not stand against the interest of the affected. People should not be in trouble any way.
- **The Affected:** The alignment will be the same that which is fixed right now and the officers are just giving wrong information. The alignment wrong in Puthiyatheru where it starts itself. Apart from this Mini-bypass another Coastal Highway is also to come. Don't acquire extra land for expansion more than that is required.
- The alignment is wrong. Do a resurvey. Take the land from both the sides. Avoid the bus bay.

The discussion was over at 4.45 pm by the concluding and thanks giving by the Chairperson.

CHAPTER - 4

VALUATION OF LAND

4.1 Background

The Social Impact Assessment unit conducted the socio-economic survey of the families and individuals/institutions/ establishments affected by the project in the alignment during the month of June-September 2022. It was learnt through this survey to what extent the proposed project would impact on the properties, income, livelihood etc. of each family/ institutions. A pre-coded questionnaire was used for the purpose. The major goal of the survey was to assess the socio-economic structure, type of property, right to the assets, the likely impacts and their depth, details of properties etc. of the affected families. The findings of the survey and the gravity of the problems are discussed in this chapter.

4.2 Area Affected by the Project

The Mini by pass project area is in Chirakkal Panchaayath and Kannur Corporation and in Chirakkal, Puzhaathi , Kannur-II and Elayavoor villages of Kannur Taluk, in Kannur District. The alignment starts at Stylo Junction in Puthiyatheru through Panankave-Kottali- Kunjippalli- Kakkad-Dhanalakshmi junction till MVK restaurant junction in Kannothumbal.

4.3 Land Requirements for the Project

Table No.4.1 Land Required for the Project		
Survey Numbers	Village	Affected Area
Block No.169 105,107, 108, 115, 118, 119, 120, 121, 157, 158, 159, 161, 163	Chirakkal	4.7316 Hector
Block No.175 5, 6, 107, 108, 109, 115, 116, 118, 119, 120, 122, 123, 124, 125, 126, 188, 189, 191, 193, 194, 195, 196, 199, 200, 205, 210, 216, 217, 221, 224, 226, 227, 234, 235, 238, 239, 240, 243, 245, 249, 250	Puzhathi	
Block No.272: 3, 904, 907, 909, 919, 920, 924	Kannur –II	
Block No.222: 2, 3, 58, 68	Elayavoor	

Table No.4.1 shows that the proposed Mini by pass project of requires about 4.7316 hectares of land from 65 survey numbers in and Chirakkal, Puzhathi Kannur – II and Elayavoor villages.

4.4 Site Sketch Plan

Sketch plan of the Mini bypass is given in the annexure

4.5 Use of Public Land

The public land in the affected area includes: The existing road, land wall and gate belongs to Kottali PHC. Some land and buildings belonging to 3 schools, 2 Anganvadies, Corporation building, taxi stand, fish market, etc.

4.6 Land Already Purchased

No land has been purchased till now.

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 for the Mini Bypass in Chirakkal, Puzhathi, Kannur- II and Elayavoor villages of Kannur Taluk in Kannur District.

5.1 Number of Properties Affected

Table No. 1.1 Inventory of Affected land /Property				
Puzhathi Village				
Sl.	Survey No.	Land Owners	Owened land Area in Cents	Assets Affected
1	Not available	Mohanan Thekkan House, Kottali	16 cent	Frontage of the House and land.
2	14/5	Kausalya, K B Nivas	18 cent	Land frontage
3	NR	Shilna P V, Snehasudha, puthiyaveettil	12 cent	Land frontage, 2 meter Road
4	120/197	T.P. Anwar Sadath	10.5 cent	Wall and gate , frontage land
5	5/136 5/128 5/130	Sivadasan Sivadasan, Bhaskaran & Mohanan Pavithran	50 ares 6 cent	Frontage of the work shop, portion of building, Frontage. Wall and gate bore-well Road
6	205	Beena Sivadasan	24.5cent	Land, 14 coconut tree, casunut Tree-2, mango tree- 2
7	205	Janaki, M.K House	24.5 Cent	Land, coconut tree- 1, Jack Tree-2, mango tree- 1
8	205	P. Nalini	22.5 Cent	Wall and Gate, Land, 20 coconut tree, mango tree- 1
9	5/125	Bhaaskaran Thekkan	24 cent	Wall and Gate, Land, mango tree- 1
10	205	P. Yesoda	24.5 cent	Frontage, wall and gate, land- coconut tree- 12, , mango tree- 3, jack tree-1, Casu-2, other trees- 2
11	118/159	Santhosh Babu S/o Bhaskaran, Molamal house	5.cent	Frontage, wall and gate, karuva-1, mango tree-4
12	122/1	Rajitha K, Madankara House	6 cent	Gate and wall, Konna, palm.
13	118/166	Sureshan Manaen House	5 cent	Frontage of the shop, wall and gate
14	120/175	Satheeshan , Thirumangalath house	2. cent	Frontage land, teak-1, casu-1, Muringa-1, other tree-1
15	119/7	Lohithakshan	16 cent	Wall and gate, coconut tree-2, mango tree-1

16	3/136	Sivadasan, Thekkan house,	10. cent	Frontage- Wall and gate
17	6/146	DhanaeshOcianus, Panakave,	10½ cent	Wall and gate, coconut tree-1, mango tree-1
18	117/170	Simi, Sathi Nilayam, Kottali	9.25 Cent	Land frontages wall, manjaadi-1 , jack-1
19	98/2	Seethalakshmi, Neelagiri house	18.5 cent	Road side land
20	120/155	Mallika, Leela sadan, Kottali	11 cent	Land
21	14/5	Ravindran, K B Nilaya	2 cent	Frontage of the building
22	121/112	Sharangan Puthanpurayil	16.5 Cent	compound wall, coconuttree-2, 1 other tree
23	119/135	Suvarnan , Gurukripa house	15 cent	Land
24	13/154	Rijesh C & Jiju C	6 cent	Frontage wall & gate
25	13/177	Prasiitha A K	7 cent	building frontage, gate and wall
26	117/17	Sathi , Sathinilayam house	12 ¾ cent	Frontage land, wall and gate, puli-1, mango tree-2,
27	NR	Prakash, H.P Nilayam	1.25 cent	Frontage land, wall and gate, Coconut tree-1, Jack tree-1, other tree-1
28	NR	Rameshan, Niramala, Kottali	17.5 cent	Frontage land, wall and gate
29	5/130	Pavithran & others	5.28 cent	Land
30	NR	Babu M C, Kailas Complex	14 cent	Frontage of the building is affected
31	NR	Unmesh Babu	8.5 cent	frontage, wall and gate, coconut tree-5
32	10/3	Sadananthan M.	14 cent	Wall and gate, 1 Jack tree, coconut tree-2, other tree-1
33	70/4	Ravindran Kaliyathil	10 Cent	Sun shade, wall and gate, mango tree-1, Coconut tree- 2, arecunut-1
34	NR	Jeevananthan Poosari	18 cent	Road side land, wall, coconut tree-1
35	NR	Vilasini	3 ¾ cent	Wall and gate
36	NR	Premaja Reni Nivas	4 cent	Wall and gate
37	NR	Yamuna, Thirumangalath	11.5 cent	Frontage land, coconut tree-1
38	13/177	Mohanan, karthiyadath	6 cent	Frontage of the land
39	NR	Rinish	4 Cent	Wall and gate, coconut tree-1
40	NA	Nandini & others	8 cent	Wall and gate
41	NR	Salinan, Vishnuthirtham	NR	Frontage, wall and gate
42	NR	Shobha Mani, shobhanikethan	23 Cent	Frontage, land, coconut tree-2, jack tree-3, other trees -20
43	NR	Anilkumar	6 cent	Frontage, road side
44	120/2	Anitha	6.5 Cent	Building sunshade, Milma society shed
45	10/1	Poosari Govindhan, Gokulam, Edasseri	1.5 ares	shop building, frontage, coconut-1, Jack tree-1, mango tree-1 vatta-2
46	14/133	Jayaraj & Geeja Jayaraj	22.5 cent	Building Car shed, wall and gate, frontage jack tree- 1,
47	158/1	Babu Mundachalil	15 cent	Building, frontage.
48	117/1 A	Naina Thirumangalath	16.5 cent	Wall and gate, coconut tree-1 jack tree
49	20/172	T T Vasudevan	11.75 cent	Shop, frontageland, Teak-2. Coconut tree-1, arecunut- 3
50	NR	Naslinan, Smitha Nivas, Kottali	19 cent	Shop Frontage Wall and gate, Mango tree-2, Coconut tree- 1, jack tree-2
51	NR	Anup, Anugraha	11.5 cent	Car shed, frontage, gate and wall, ccoconut-1, casue-1.
52	120/113	Sivadasan Thirumangalath	4.5 cent	Partly, house frontage, wall and gate
53	120	Deepa Deepanjaly House, Kottali	6. cent	Partly house frontage, wall and gate, coconut tree-3, sappotta-1, drumstic tree-1

54	NR	Baskaran Thekkanthottathil	10 cent	Portion of the house frontage, wall and gate
55	NR	Premananthan, Greens, Kottali	7.5 cent	Partly, house frontage, wall and gate, Nutmeg-1, Mango tree- 1 jack tree- 2
56	NR	Mubarak and others, Fathimas house	21 cent	Frontage , wall and gate
57	115/5	Anitha Narendran, C H House	20 cent	Wall and gate
58	116/1	Mottamal Chandramathi	26 cent	Wall and gate, coconut tree-2, Mango tree-2
59	434/9 A	Haris Hafisas House, Kottali	15 cent	Wall and gate, coconut tree-2, Mango tree-1
60	NR	Khadisa and others, Khadeeja Manzil, Kottali	20 cent	Wall and gate, coconut tree-3, Mango tree-1
61	NR	Reena N C, Nandanam	26 cent	Wall and gate
62	NR	Rakhi, Pranavam	5.5 cent	Wall and gate shed, frontage, Coconut-1
63	109/162	Beena & Reena	2.5 cent	Wall and gate , Well
64	NR	Ragusudhan, East Mangol House	9 cent	Wall and gate, casue, 3 jack tree, other trees-2
65	NA	Ragini Puthiyapurayil house	8 cent	Wall and gate
66	NR	Salim, Kaniyanudi house, Kunjippalli	13 cent	Wall and gate, coconut tree- 3, jack tree-1, mango tree-2
67	117/2	Jayalakshmi, Swathi House	36 cent	Wall and gate, coconut tree- 1, Nutmeg-1, teak-1
68	NR	Vimala, C H house, Kottali	40 cent	Gate & wall
69	NR	Lakha Manoj, C H House, Kottali	16 cent	Gate & wall
70	NR	Aslah Afnas, Darul Fajar	48 cent	Wall and gate, coconut tree- 4, jack tree-4,
71	NR	V M Haris & Serena, Harsinas, Kottali	4 cent	Frontage of Road, and land, other trees-4
72	115/5	Sini P C	5.5 cent	Wall and gate, coconut tree-4, jack tree-1, Neem tree-2
73	109/162	Raneesh, Reena Nivas	7 cent	Gate & wall
74	NR	Nisha, Annamala, Kottali	4 Cent	Wall ,Well, tree-1
75	14/141	Janardhanan, near Gopalankada,	10 cent	Land frontage, coconut tree- 3, jack tree-1, mango tree-1
76	14/146, 14/147	Santhosh Kompura	7 cent	Gate & wall
77	14/189	Vidhya Sanath, Chandroth House	8 cent	Wall and gate, well platform
78	46/1	Vijayakumar, Sankeerthanam	70 cent	Wall and gate, coconut tree- 12, Nutmeg-2, Jack tree-1
79	NR	Sreekanth, Annamala Kottali	5 cent	House frontage, wall and gate, other trees, septic tank
80	NR	Anup Chakkapeyyan	15 cent	House frontage, pipe line
81	14/101	Sujila Chandroth	4.5 cent	frontage land, wall and gate
82	NR	Sajini Chandroth	5.5 cent	Land Frontage, Mango-1, Tamarind-1
83	NR	Deepa P P	21 cent	Wall and gate, land, 4 other trees.
84	NR	Bharathan, Thampurankandi, Kottali	1.25 cent	Shop room
85	NR	Pavithran Pidikavalappil	3 cent	shop building frontage 5 rooms
86	116/3	Ajith	3.5 cent	Shop building frontage 3 rooms
87	NA	Dispensary	3 cent	building frontage, wall, gate

88	14/109	Sujatha Janardhanan	17.5 Cent	House, Wall and gate, coconut tree-2 mango tree-1,
89	NR	Pushpashobha	12 cent	House, Wall and gate, coconut tree-2 mango tree-1, jack tree-1, casu-1
90	NR	Abdul Nazeer	5.25 cent	House, Wall and gate
91	126/207, 208	Madhu , Kottali	11.5 cent	Land, coconut tree-2 teak-1, jack tree-2
92	NR	Zaruma, Thaneem house	8.25 cent	Frontage, wall and gate
93	NR	Shika, Pavithram	9 cent	Gate wall, pipeline
94	NR	Seenath	6 cent	Wall and gate
95	NR	Divakaran K, Karuvaath H	6.5 cent	Wall and gate, sappotta-1, teak-3, Nutmeg-1
96	NR	Anees	15 cent	Wall and gate
97	126/102	Rameshan	15 cent	Wall and gate, other trees, Mango trees-1
98	NR	Ranjith, Sreebala House	38 cent	Wall and gate
99	126/115	Prasanna, Karuvath H	5 cent	Land frontage
100	126/207	Madhu, Thottayal House	11.5 cent	Wall and gate, teak-1, jack tree-5
101	188/58	Anghanvadi, (sheena teacher)	NA	Building,jacktree-1
102	NA	Aboobakar,	12cent	House, Shop, hotel, tyre shop, gate, wall
103	NA	Shani, Sreesadanam Thottada	1.75cent	Shop, room
104	126/12	Nazar SNC villa	22 cent	Shop frontyard, gate, wall
105	NA	Meera MT	3.5 cent	Shop building
106	123/2	C Balan Geethanjali opp. Kottalikavu	1.5 acre	2 storie commercial building, coconut tree-20
107	NA	Jayamma Jayaraj villa	14.5 cent 20.5 cent	Land, wall and gate teak-1 mango tree-2 Land, Shop wall and gate.
108	125/204,205	Ajayan Mooliyil house	52 cent	3room shop, wall and gate front yard of the workshop
109	125/147	Prakashan	3 cent	2 room building
110	123/2	Pradeep Chakkapoyil	1.20 acre	Ration shop, post office, frontwall of the showroom , land, coconut tree – 11
111	126/203	Sajeevan	2.5 cent	Welding shop, frontage
112	NA	Kamalakshi Narangholi house Kottali po	7.5 cent	2 buildings , house, jack tree-1
113	NA	Mohammad kunji & Alsabah	13 cent	Quarters-4 house-1
114	125/3	Rohini (Late) Prasanna kumar Vinod Hemanth kumar Usha Girija Pradeep	2.75 cent 4.75 cent	4room building wall & gate mango tree-1
115	124/3	Renjini Divya house	14 cent	House wall & gate
116	194/153	Yousuf & Nazar	5.5 cent	Frontage of the house, generator shed, septic tank wall & gate
117	NA	Ashraf & Sajida Dar Al Thaneem Kunjipalli	19 cent	Gate, wall, jack tree-1 mango tree-1
118	107/3	Kunjikannan Punathil house, Kunjipalli	18 cent	Wall & gate coconut tree-3
119	NA	Abdul nazar & Thahira KN Thahira house Kakkad po	7 cent	Wall & gate
120	NR	P Mustafa Thakua manzil Kakkad po	30 cent	Wall & gate , pillar coconut tree-5 mango tree-1 other tree -1
121	NR	Raghavan P(late) Pankaj , kunjiipalli	10 cent	Wall& gate sunshade of the house

122	NR	Abdulla KP Darulfalah Kakkad	12 cent	Wall, road, coconut tree-1 other tree-2
123	196/75	Ashique , elsi house Kakkad	40 cent	Wall & Gate, coconut tree-4 mango tree-2
124	226/3	Muhammad Malabar c villa aayikkara	20 cent	Plain land
125	NR	Sirajudeen (cement shop)	15 cent	3storie building
126	NR	Sathar	2.5 cent	Shop building
127	184 A	Ayisha Maharood Hasan Suharas Kunjipalli	2 cent	Shop rooms-4 coconut tree-1 mango tree-1 wall
128	NR	Kunjipalli Juma Masjid	46 cent	Shoproom-7 land
129	194/113	Moosakutty Azenas house Kakkad	18.5 cent	Shop room , gate & wall mango tree-1 chikku-1
130	NR	Sefeera (Sefia Rasag)	13.5 cent	Shop rooms-4, wall & gate mango tree-1
131	NR	Ameer Haseena cottage Thana	11 cent	Shop, mango tree-1
132	1099/105	Umesh Chakkapayyan Pananghath house Kunjipalli	14 cent	6room building sunshade gate&wall
133	NR	Khalid, Fathimas Kunjipally	9 cent	House, wall & gate coconut tree-1 mango tree-2 jack tree-1
134	188/7A	Shafeera KP Dharulkhair Kottali	15 cent	House, shop wall & gate, coconut tree-3
135	194/111	Abdul khadar Fathima manzil	10.5 cent	Wall & gate arecunut tree-3 coconut tree-1 coffee-1
136	NR	Heera Prasad, Srishti	80 cent	Wall & gate
137	NR	Kousalya, Mooliyil house Kakkad	2 cent	Shoprooms -7
138	NR	Vijayan Alampalli Kakkad	6 cent	Shop, building
139	195/114	Azeez	26 cent	Shop, building
140	250/101	Western Meridian , Majeed, (secretary)	24 cent	Gate & Wall
141	NR	Abdul Karim	6 cent	Frontage coconut tree-2
142	NR	PVS Fortune Apartment		Frontage, arch, wall & gate, security room
143	NR	Abdul Sathar	18 cent	Road,
144	NR	Yousuf & Shabeena , Sabeenas Kakkadu	14.5 cent	Wall & gate, coconut tree-1 mango tree-1
145	NR	Muhammad Kunji, Amina manzil	18 cent	Wall & gate
146	239/172	Raghuthaman CM Mooliyil house	2 ares	Wall, coconut tree-1
147	239/175	Pradeep Mooliyil house	2 ares	Wall, coconut tree-1
148	239/174	Dhananjayan Kailasam	6.25 cent	Wall & gate
149	NR	Asma Asmas Kunjipally	1.92 cent	Wall
150	NR	Rama chandran Perumethi	40 cent	Wall & gate coconut tree-2
151	NR	Sreedevi Sahadevan Soudham	20 cent	Gate & wall
152	NR	Shalini(late) Anand, Arvish Aiswarya house	16 cent	Wall & gate
153	50/31	Geetha Perumathi	46 cent	Wall & gate jack tree-1
154	NR	Padmini Gokulam	10 cent	Wall & gate
155	NR	Jayasree Mohan(Rejeena Nambiyar) Mareena house	12 cent 13 cent	Sunshade wall & gate
156	NR	Suchithra TV Palleri house,	26 cent	Wall & gate

		temple gate Thalassery			
157	NR	Sathar	22.5 cent		Wall & gate coconut tree-2
158	NR	Basheer, Rashid Rahmah house	8.5 cent		Wood shop jack tree-1
159	235/106	Kavitha Murukesh Preetham	1.28 acre		Wall & gate, shed, coconut tree-5 jack tree-1 mango tree-1 chikku-2
160	187/7A	Shafeera KP Barakah House	6 cent 15 cent		House, 2shoproom
161	136/1B	Azeez	4 cent		Shoprooms-3
162	NA	Abdulla, Abjul, Majeed (Hidaya Complex)	7 cent		Shoprooms-17
163	NR	Suhara, Ameer, Ayisha, Basheer Suharas, Kunjipally	7.5 cent 2 cent		Shoprooms-2 sunshade, land, coconut tree-1 mango tree-1
164	12/77	Khayirunisa Zamil Nivas Kunjipally	3.5 cent		Shop room-1
165	NR	Jamayath Palli pariapalana committee Kunjipally Sathar (secreatary)	2 cent		Palli, 7 rooms
166	184/A	Noorjahan, Ameer, Siddique, Suhara Suharas (high power electro mechanical)	7 cent		Shop, sunshade, wall coconut tree-1 mango tree-1
167	191/176	Niyas M Salam Manzil	24 cent		Building
168	8/581	Sharafunisa & Haris Daruldeen noor Kunjipally	10 cent		House wall & gate shop rooms-4
169	NR	Noorjahan Sanujas Kunjipally	4.5 cent		House, shoproom-1
170	NR	Dileepkumar T Anita nivas Pananghavu	8.5 cent		House frontage, wall & gate arecunut tree-3 jack tree-1 chikku-1
171	NR	Sindhu Baburaj Aswathy Chirakkal	6.25 cent		Wall & gate , coconut tree-12 cashew-1
172	NR	Ashokan T Prarthana Kottali	10 cent		Wall & gate, frontage of the house
173	NR	Savithri	2.5. cent		House, wall & gate
174	120	TP Fousiya Noormahal Kottali	90 cent		Wall & gate coconut tree-10 mango tree-7
175	NR	Nazeema Baithul Iza Kottali	19 cent		Wall & gate ,m mango tree-1
176	NR	Geetha	7.5 cent		Wall & Gate coconut tree -1
177	NR	Unity centre (Masjid) Abdul Nazar Kunjipally	NA		Building
178	NR	Karan Haridas	33 cent		Wall & Gate
179	NR	Renjini & others	61 cent		Land, wall & gate , jack tree-2 cashew-1
180	NR	Jagadeesh Sreeprabha	NA		Wall & gate
181	188/5B	Government welfare LP school (Abdul Jabbar)	40 cent		School building, well, wall & gate , other trees-24
182	NR	Shahida White miller trading	6000 sqft		Shop building
183	125/2,3	Puzhadi North UP school (Abdul Rashid)	40 cent		Kitchen, wall & gate other tree-1
Kannur 2 village					
184	NR	Sadeepti & sheeja PC Janani house, Thana Kakkad road	34 cent		Wall & gate coconut tree-3
185	3/3	Raveendra Thara house	10 cent		House, well, kitchen wll & gare other trees-7

186	NR	Muhammad Salim Dewdrops	10 cent		Wall & gate
187	NR	Vrindha	40 cent		Wall & gate kennel coconut tree-4 arecunut tree-7 mango tree-1
188	NR	Pramod	37 cent		Wall
189	3/3	Gireeshan	11.75 cent		Wall & gate, interlock
190	3/3	CK Abdulla	3.5 cent		Wall & gate
191	NR	Kunjali Mammakal Khadeesumma	NA		Wall & gate
192	NR	KP Mariyamma (dr. Bennet Chacko)	24.5 cent		Wall & gate chikku-1 coconut tree-6 drumstick tree-1
193	3/3	Surendran Prakash	10.5 cent		Wall & gate coconut tree-4 teak-2
194	3/3	Saseendran Prakash	10.5 cent		Land, coconut tree-10 teak-2
195	3/3	Khalid	23 cent		Wall & gate
196	3/3	Anita PK	21.5 cent		Wall & gare coconut tree-2
197	3/3	Zachariya Mariyams	6.5 cent		Wall & gate
198	NR	Nazar Nasheeman house	30 cent		Wall & gate
199	68/2	Justice AK Basheer Amen Kannotheumchaal	NA		Outhouse, coconut tree-1 mango tree-1
Ilayavur village					
200	NR	Janardhanan UK Uppol house	0.5 cent		Shop
201	58/7	Noorjahan Sanagar Kannotheumchaal	12 cent		Wall & gate coconut tree-3
202	58/121	Azad	10 cent		Land
203	58/8	Mohanan K & Sreelatha M Mallisery	7.75 cent		Wall & gate , frontage of the shop
204	NR	Premaja Prasannalayam	1 acre		MVK building land, Wall & gate ,
205	NR	Prabhakaran KP	10 cent		Wall & gate , coconut tree-2 mango tree-1
206	NR	Azad V	10 cent		Wall & gate , coconut tree-1
207	68/2	Vanaja	34 cent		Wall & gate , coconut tree-1
208	68/2	Ashraf	20 cent		Wall & gate , sunshade, interlock
209	NR	Sachin (Western meridian)	NA		Wall & gate , coconut tree-1 mango tree-1 chikku-1
210 A	NR	Noushad, Melrose (Dr. Muhammad Nazar & others (Banglore)	NA		Wall & gate ,
210 B	NR	Nazeema Cornerland Dhanalekshmi Junction	15 cent		Coconut tree-5, boundary wall, land
		Nazeema (Junaid), Cornerland, Dhanalekshmi Junction			Wall & gate , Boundarywall, coconut tree-4, land
211	NR	Saleena Nirmala house	14 cent		Wall & gate ,
212	3/3	Shakeer, Rasheeda,	13 cent		Wall & gate ,sunshade, interlock
213	68/2	Prem Kalat	1 acre		Wall & gate , building interlock, tank
214	2/1B	Javahir Junitha house near Sreenarayana school	24 cent		Wall & gate
215	NR	Sarojini P Pradeepam (Dhanasree export)	NA		Wall & gate ,well, coconut tree-8 other trees-3
216	NR	CM Chirankandan	38 cent		Wall & gate , jack tree-1 coconut tree-5

		(Sukunan)			mango tree-1
217	163/2	Bharathan Arayambethu Kottali PO	16.5 cent		Shop, coconut tree-1 cashew-1 teak-1 jacvk tree-1
218	163/145	JHarikrishnan Mangul Haritham Pananghavu	14.5 cent		2storie shop wall, coconut tree-1
219	120/174 120/176	Sayeed KP	11 cent 4.5 ares		Wall & gate, sunshade, coconut tree-1 mango tree-4 jack tree-1 other trees-5
220	161/1	Joy Chathayam	5.75 cent		Wall & gate, tomb, other trees-2
221	163/123	Chandramathi A Arayanperuth	15.75 cent		Sunshade, Wall & gate, coconut tree-4 jack tree-3 other trees-5
222	159/129	Chandran & Shobha Shivasakthi Pananghavu	23 cent		Wall & gate, coconut tree-5 jack tree-3 mango tree-2
223	163/2	K Narayanan	13 cent		Wall & gate, mango tree-1 jack tree-1 pepper-3
224	162	PV Satheeshan Puthenveettil	10.5 cent		Frontage of the 2storie house, Wall & gate, mango tree-3 drumstick tree-4
225	NR	Kamala Mukri house Pananghavu	12 cent		House, Wall & gate,coconyt tree-2 jack tree-1 mango tree-1 treak -1 other trees-2
226	163	Shailaja	5 cent		House, Wall & gate, mango tree-2 jack tree-1 rambutan-1 chikku-1
227	120/4A,4B	Geetha secretary Handloom society	52 cent		Old building
228	NR	Puthucherry LP school	NA		Wall & gate, kanjipura
229	NR	Mehruniza Nizas palace	33 cent		Wall & gate,
230	NR	Sudheesh TP	NA		Godown, Wall & gate, interlock
231	157/107	Devadas C Cherukada Pananghavu	6 cent		Wall & gate, mangotree-1 other tree-1
232	157/170	Shilpa Oomkaram house pananghavu	14.5 cent		Wall & gate, coconut tree-5 other tree-1
233	115/127	Khadeeja & others Sajnas	7.75 cent		Wall & gate
234	NR	Yeshoda & others Puthiyapurayil	18 cent		Wall & gate, sunshade, coconut tree-3 mango tree-2 drumstick tree-2
235	159/184	Chogan Purushothaman	4.5 cent		Sunshade, Wall & gate, other trees-2
236	NR	Ajitha Kuttichi Pananghavu	9 cent		Wall & gate, coconut tree-3 mango tree-1
237	159/401	Babu & Anita Kuttichi Pananghavu	9 cent		Wall & gate, teak-1 cashew-1 other tree-1
238	157/133	Suja Thoniyott	6.75 cent		Coconut tree-3 jack tree-3 other tree-1
239	NR	Chandran Nandhanan Pananghavu	14.25 cent		Wall & gate, mango tree-2
240	115/5	Parappil Sareena	6 cent		Land
241	157/1	Girija & others	11.5 cent		Land, jack tree-1
242	121/3	Sumalini late Snehaprabha KM Anugrah house	14 cent		Wall & gate, cashew-2 coconut tree-1 other tree-2
243	121/4A	N Narayanan Meghana Pananghavu	50 cent		Wall & gate, coconut tree-5 cashew-2 mango tree-2
244	NR	KP Padmanabhavannair late Sreenidhi	15 cent		Wall & gate, coconut tree-3
245	121/3	Prasila	15.5 cent		House, Wall & gate, well, coconut tree-6 cashew-6 jack tree-6 pepper-5 other trees-3

246	NR	Sumalini	15.5 cent		Wall & gate, coconut tree-2 jack tree-1 pepper-3 cashew-2 other tree-4
247	121/5	Sandhya Rameshan Harikripa	2.68 cent 6.62 cent		Wall & gate, mango tree-1 cashew-1 arecunut tree-1
248	157/122	Leena Thoniyod, Sheela, Suja, Sreeja, Reshma	6.75 cent		House, coconut tree-1 Mango tree-1
249	NR	Pradeepkumar Thundiyl	12 cent		Newhouse
250	121/58	Shobhana	1.75 cent 1.25 cent		2 storie house, shop
251	NR	Sushama Lakshmanan Ashtami house Pananghavu	12.5 cent		House, Wall & gate, coconut tree-2 mango tree-1 other tree-5
252	NR	Vinod K Sreechithra house	12 cent		House, Wall & gate, carshed, cashew-mangho tree-1 other trees-3
253	157/132	Sreeja Thoniyott	6.75 cent		House, sunshade
254	NR	Divya Divyaprasadam	10 cent		House, sunshade
255	119/118	Biju Sreekrishna	12.5 cent		Wall & gate, building, coconut tree-1 teak-2 mango tree-1 mahagani-1
256	NR	Hamsahaji Secreatary Madrassa	NA		Shoproom-10 palli, madrasa
257	NR	Mustafa penastore shop (stationary) Kottali road	NA		
258	105/4	Prakash Neerozhukumbol(Beena readymade shop)	10 cent		Beena readymade shop
259	119/5	Chandrabhanu Krishna house	11.5 cent		Shoproom, Wall & gate, mango tree-1
260	105/1	Suresh Babu Chimmuniyan	5 cent		Shoproom-4
261	105/1	Moideen Jain house	42 cent		Shop-1
262	119/5	Narayanan & others	31 cent		Land, nutmeg-3 othert trees-5 mango tree-1
263	120/220 121/1	Raziya Hashim SES	10.75 cent		Wall & gate, mango tree=-1
264	159	Kannan Amrutham	50 cent 18 cent		Wall & gate,, pump, mango tree-1 arecunut tree-1
265	NR	Manoharan Manu nivas Pananghavu	11.75 cent		Wall & gate, coconut tree-2 mango tree-1
266	NR	Semeera, Ahamad	9.5 cent		Wall & gate, coconut tree-2 mango tree-1 other tree-1
267	105/5 160/2	Lalitha, Vasydevan, Ramachandran Koyyodan house	1.90 acre 2 acre		Wall & gate,
268	NR	Rejila Subramanyan	6 cent		Wall & gate, vepp-1
269	105/3	Abdul Salam Zafs	9.75 cent		Wall & gate, interlock, pillar mango tree-1 coconut tree-1 chikku
270	NR	Beefathu PP house Mukkile peedika	11 cent		Wall & gate, coconut tree-1 mango tree-2
271	NR	Hamsakutty, PP Hameem	5 cent		Building
272	NR	Abhilash K Triveni Lottery Stylo junction	NA		One room lottery shop
273	NR	Rasheed Sonic footwear	140 sqft		Shop building
274	NR	Latheef (Fayis)	NA		Shop room

275	NR	Sajeena B Koral taylors	NA		One room shop
276	NR	Sadiq Sherin medicals	NA		Medical shop
277	NR	Jayadasan JK taylors Thirumangalam house	125 sqft		One room shop, Tailoring shop frontage
278	907/2	Vino bhai	60 cent		Swaroop talkies
279	108/3	Gafoor Pookkod furniture shop	NA		Shoproom-3 tailoring shop
280	108/3	Satheeshan AP Arukandi parambath	8.75 cent		House, sunshade, carporch
281	108/3	Raveendran Arukandi parambath	22 cent		Road
282	108/3	PP Ameen	21 cent		3shop rooms, Wall & gate, coconut tree-2
283	108/3	KP Musarath	2 cent		13shop room
284	108/194	Jayaprakash PP Padinjarepeedikayil	14sqm		Shop
285	108/3	PK Kunjipathumma PK house	12 cent		Land, mango tree-2 coconut tree-2
286	NR	Moideenkoya NP EM fruits Stelo corner	NA		Shop
287	NR	Sunil Mutti house, Pananghavu	7.5 cent		Wall & gate, coconut tree-1 jack tree-1
288	108/3	TP Rafeena	22 cent		Wall & gate, mango tree-1 nutmeg-1
289	NR	Ayisha beevi Ayisha manzil	12 cent		Wall & gate
290	81/33	Sreeja Arukandi parambath	14.5 cent		Road, Wall & gate,
291	120/5B	Mutti Balan late (Santhosh) Mutti house	2.5 cent 2 cent		House, shop
292	108/3	Mustafa PK house	13.75 cent		House, shoproom, Wall & gate, interlock coconut tree-1
293	108/2	Dr AD Asha rani & Dr KV Pavithran	4.75 cent		3 storie building
294	108/3	Rajeevan Aarukandi parambath	8 cent		Well, Wall & gate, kitchen, septic tank
295	NR	Savithri Vijay nivas	8 cent		Wall & gate, house, well, coconut tree-1
296	NR	Triveni lottery shop (Deena Mohammad)	1.75 cent		2 storie building
297	NR	Arshad	1 cent		1 shop room
298	NR	KP Abdul Shukkur	1 cent		2 storie building
299	119	Padmarajan	15 cent		Wall & gate, shop building
300	NR	Sarachandra & others Sangeetham	33 cent		Shed, coconut tree-20 mango tree-4 jack tree- 5
301	NR	Shahul	45 cent		Land
302	119/5	Sreenivasan	6 cent		2 storie house
303	118/158	Geetha Sivaji	18 cent		House, Wall & gate, coconut tree-1 mango tree-1
304	NR	C Abdul Jabbar , Vahid EK , Javas (H)	12 cent		Wall & gate, sunshade, mango tree-2 arcunut tree-3 chikku-1
305	NR	Janaki KV Chembra	45 cent		Wall & gate, coconut tree-3 mango tree-2
306	NR	Shahul Hameed	94 cent		Wall & gate, mango tree-2
307	118/10	Shanila NP	8 cent		Wall & gate, coconut tree-1 jack tree-1 other tree-1

308	118/156	Manorama Puthiya valappil	8 cent		Arecunut tree-2 nutmeg-1
309	118/10	Saheena Puthiyavalappil	9 cent		Wall
310	118/9	Jayarajan Sreejayam	12 cent		Wall & gate, coconut tree-1
311	206/1	Harshanas	1 cent		3 shop room
312	206/1	KM Mustafa Prince villa	NA		5 shop room
313	206/1	KM Ramlu Prince villa Kakkad	1 cent		1 shop room
314	206/1	Shermila Nasif New mahi	1 cent		3 storie building with 3 shoproom
315	206/1	Harishanas	1 cent		6 shop room
316	NR	Shafeek	2 cent		3 pillar & frontage of the building
317	NR	Abdul Khadar	2 cent		Frontage of the shop
318	210/131	Nusrath	1.20 cent		Frontage of the shop
319	220/110	Sulekha & Suhara	7 cent		Road
320	NR	Muhammad kunji K Malik Manzil	0.5 cent		Frontage of the shop
321	NR	Yousuf K	0.5 cent		Frontage of the shop
322	220/1	Yousuf Thawaf Kakkad	18 cent		Wall & gate, road
323	210/131	Sajitha furniture shop	1.20 cent		1 shoproom
324	210/131	M Thahir	1.20 cent		Frontage of the shop
325	NR	Ashraf V Zukoor	1.2 cent		Frontage of the shop
326	NR	Saifuniza	NA		2 storie building with 3 rooms frontage
327	NR	TP Fathima (Azfa) Veenus bakery	NA		3 storie shop building
328	210/149	Hamsa	0.25 cent		Frontage of the shop
329	220/20-25	Ismayil BK Automobiles	45 cent		Shop building
330	NR	Shahir (Nazeema) Sweet Layer bakery & Universal books Shahir Al Mahaba mobiles	NA		Mobileshop
331	210/131	Abdullakutty Sabiras	0.25 cent		Furniture shop frontage
332	210/131	Rasheeda Iqbal	1.10 cent		Shop
333	216/17 210/6	Muhammad Kunji KP Rasheeda Harshanas	163.14sqm		Textile shop
334	NR	Majitha Muneer	NA		Fathima store, Thanima choconuts
335	NR	Subitha Kakkad	3 cent		Lambath glass & Hardwares frontage
336	NR	Thahir & others	9 cent		Fastfood, noor family supermarket, Saroma flourmill, Marva stote , Global store, Quality traders
337	NR	Abdu Jabbar	0.75 cent		Frontage of the shop
338	220	Jumamasjid building	NA		Solar Powder coating
339	NR	Hydrose Masjid building – Sathar		N A	Kids villa
340	NR	Hydrose Masjid building	NA		Lintech computers
341	220	Jamayath Masjid building	NA		CV Navas Souhruda koottayima
342	220	Jamayath Masjid building	NA		Kakkad Mahal committee office
343	220	Jamayath Masjid building Yahin, Sirajudeen	NA		MJ Steel corporation
344	220	Jamayath Masjid building	1.5 cent		Thamma Fashions Konghod travels, Janasevanakendram
345	NR	Hydrose palli , CB Khalid	NA		Frontahe of the hotel & Royal moments

346	NR	Jamayath Masjid building	6 cent		Al Jazeera tailoring wedding centre, time centre
347	NR	Shafeek	NA		Modi aluminium, road
348	NR	Suhara (Sathar)	NA		Athul ice cream, Sruthi gold, Modern hardwares, Aliya cafe frontage
349	NR	Kachery Raziya (Muhammad Kunji)	NA		Central foot wares shop
350	119/101	Dalina & Rejeesh Mohandas Puzhathi villge	13.5 cent		Land , wall and gate
351	196/1 c	Manzoor, Ahamadkutty, Muhamadali	32.5 cent		20 rooms, wall & gate, parking, road and Transformar.
352	120/175	M.P.Nalinan	20 cent		1 Shop Room, wall and gate, coconut tree-2
353	121/113	Modathi Lakshmi (late)	40 cent		House and land
354	158/7	Kamala Balan	23 cent		Sunshade, frontage, wall and gate.
355	58/141,142	N K Jayaraj & Bharathi P	13.7 cent		Land, road, wall & gate
356	119/7	P T Mukundhan	17 cent		Land wall
357	NA	Leena Raveendran	4.2 cent		House, Toilet, bath room, well, wall & gate
358	NA	Shyamala	8.5 cent		House, land, wall and gate

The SIA is covering the property area extending up to about 4.7316 hectares in the proposed Mini-bypass. This land which is spread over 65 survey numbers are owned by 357 families, their dependents and other public properties including religious institutions.

5.2 Extent Affected

Table No. 5.2 Extent Affected		
Extent	Frequency	Percent
Totally affected	75	20.9
Partially affected	283	79.1
Total	358	100

Table No.5.2 shows the extent of land or property affected by the acquisition. 75 out of the 358 properties are fully affected. 2834 land holders/properties are partially affected. If the remaining portion after acquisition is not usable for any purpose it should be considered as fully affected. But in case of structure, it should be considered differently. If the basic facilities/existence are affected and no space for new one then it should be considered as fully affected.

5.3 Ownership of the Land

Table No. 5.3 shows the type of ownership of the affected by the acquisition. Out the 358 land holdings, 227 land ownerships are hereditary, 91 land ownerships by purchase and 8 landholders possessed are of public utility/ institution land and 1 is owned by Kudikidappu, 30 of them did not give proper details.

Table No. 5.3 Type of Land Ownership	
Ownership Type	Frequency
Hereditary	227
Purchased	91
Govt. Institution	8
Kudikidappu	2
No response	30
Total	

5.4 *Patta* for the Land/land documents

Table No. 5.4 shows the responses of property holders reveal that among the directly affected 271, have *patta*/deed for their entire property 68 have not responded and 8 are not applicable. 11 of them stated they don't have documents.

Table no.5.4 Land documents	
	Number
Have documents	271
No documents	11
Not responded	68
Not applicable	8
Total	358

5.5 Current Use of the Affected Property

Table No.5.5 Use of Land/Property	
<i>Items</i>	<i>Frequency</i>
Buildings	103
House	41
Compound wall and gate	104
Frontage/ road side	40
Land/ agriculture	48
Septic Tank	2
Well / water sources	5
School	4
Anganvadi	2
Road	9
total	358

Table No. 5.5 shows the use of the land affected by the acquisition. 103 landholders have buildings affected, 41 houses area affected, 48 properties are land/agriculture, and 104 landholdings are having compound wall and Gates affected. 2 septic tanks also affected, 40 landholdings have property frontage / road side, 9 are roads. 2 Anganvadies and 4 schools are also among the affected.

5.6 Possession of Other Lands

Table No. 5.6 Possession of Other Lands	
Any other land	Frequency
Yes	92
No land	168
Not responded	82
Not applicable	8
Total	14

Table No. 5.6 shows the details of possession of land anywhere else. 92 out of 358 stated that they have land other than the land in the project site. 168 of them stated that they do not have any land other than this. Details of 82 landholders have not revealed, 8 are Not Applicable.

CHAPTER – 6

SOCIO – ECONOMIC DESIGN

6.1 Preface

This chapter contains the social, economic and cultural status and the peculiarities of the families in the project affected areas. Details of the population, socialisation of the people and such related information are added to this chapter.

6.2 Number of Family members / Total population affected

പട്ടിക 6. 1 Number of Family members						
Sl.		Land owners	Mobile	Male	Female	Total
1	NA	Mohanan Thekkan House, Kottali	8289903077	2	2	4
2	14/5	Kausalya, K B Nivas	NA	2	4	6
3	NR	Shilna P V, Snehasudha, Puthiyaveettil	8547594840	1	4	5
4	120/197	T.P. Anwar Sadath	9895328982	2	3	5
5	5/136 5/128 5/130	Sivadasan, Sivadasan, Bhaskaran & Mohanan Pavithran	9846956122	2	2	4
6	5/257	Beena Sivadasan	9447333324	4	5	9
7	5/257	Janaki, M.K House	2746254	1	0	1
8	205	P. Nalini	9447713997	2	3	5
9	5/125	Bhaaskaran Thekkan	9446655525	2	2	4
10	205	P. Yesoda	NA	0	1	1
11	118/159	Santhosh Babu S/o Bhaskaran, Molamal house	8547348894	5	3	8
12	122/1	Rajitha K Madankara House	8606715399	2	3	5
13	118/166	Sureshan, Manaen haouse	9447616496	2	2	4
14	120/175	Satheesan Thirumangalath House	8606715399	2	2	4
15	119/7	Lohithakshan	9447690922	1	1	2
16	3/136	Sivadasan, Thekkan house,	9846496122	2	2	4
17	6/146	DhanaeshOcianus, Panakave,	9526528893	3	1	4
18	117/170	Simi, Sathi Nilayam, Kottali	9809684994	2	4	6
19	98/2	Seethalakshmi, Neelagiri house	9526789222	2	1	3
20	120/155	Mallika, Leela sadan, Kottali	9633846930	1	3	4
21	14/5	Ravindran, K B Nilaya	9495617291	1	1	2
22	121/112	Sharangan Puthanpurayil	9074966325	2	2	4
23	119/135	Suvarnan , Gurukripa house	9544694648	1	3	4
24	13/154	Rijesh C & Jiju C	7012451740	2	2	4
25	13/177	Prasiitha A K	8281045533	0	3	3
26	117/17	Sathi , Sathinilayam house	9400546730	1	2	3
27	NR	Prakash, H.P Nilayam	9496701192	3	3	6
28	NR	Rameshan, Niramala, Kottali	9846897998	3	4	7
29	5/130	Pavithran & others	9846956122	2	2	4
30	NR	Babu M C, Kailas Complex	8921242172	3	2	5
31	NR	Unmesh Babu	7994391886	2	3	5
32	10/3	Sadananthan M.	9895297266	1	1	2

33	70/4	Ravindran Kaliyathil	9495295416	2	1	3
34	NR	Jeevananthan Poosari	9744933199	1	3	4
35	NR	Vilasini	7356066433	3	3	6
36	NR	Premaja Reni Nivas	9995873756	3	2	5
37	NR	Yamuna, Thirumangalath	9746649598	1	1	2
38	13/177	Mohanan, karthiyadath	8281045533	1	2	3
39	NR	Rinish	9895232550	1	4	5
40	NA	Nandini & others	9605925532	2	3	5
41	NR	Salinan, Vishnuthirtham	9446658158	3	1	4
42	NR	Shobha Mani, shobhanikethan	2749542	3	2	5
43	NR	Anilkumar	9447654104	2	3	5
44	120/2	Anitha	9746203263	1	2	3
45	10/1	Poosari Govindhan, Gokulam, Edasseri	9447548362	3	4	7
46	14/133	Jayaraj & Geeja Jayaraj	NA	0	2	2
47	158/1	Babu Mundachalil	9895591158	1	1	2
48	117/1 A	Naina Thirumangalath	9349467233	1	2	3
49	20/172	T T Vasudevan	9567014952	3	4	7
50	NR	Naslinan, Smitha Nivas, Kottali	9995026440	2	2	4
51	NR	Anup, Anugraha	7306769421	1	3	4
52	120/113	Sivadasan Thirumangalath	9605587592	1	3	4
53	120	Deepa Deepanjaly House, Kottali	8281281214	2	4	6
54	NR	Baskaran Thekkanthottathil	9747842337	1	1	2
55	NR	Premananthan, Greens, Kottali	7907160775	2	2	4
56	NR	Mubarak and others, Fathimas house	9847254031	3	0	3
57	115/5	Anitha Narendran, C H House	9778141436	1	1	2
58	116/1	Mottamal Chandramathi	9746376185	1	4	5
59	434/9 A	Haris Hafisas House, Kottali	7510963384	2	4	6
60	NR	Khadisa and others, Khadeeja Manzil, Kottali	9495222462	1	2	3
61	NR	Reena N C, Nandanam	9995992585	3	1	4
62	NR	Rakhi, Pranavam	9847003376	3	4	7
63	109/162	Beena & Reena	9060170184	3	4	7
64	NR	Ragusudhan, East Mangol House	2746065	1	0	1
65	NA	Ragini Puthiyapurayil house	9447334685	0	1	1
66	NR	Salim, Kaniyanudi house, Kunjippalli	8547138171	2	3	5
67	117/2	Jayalakshmi, Swathi House	NA	0	2	2
68	NR	Vimala, C H house, Kottali	8606298085	0	1	1
69	NR	Lakha Manoj, C H House, Kottali	9947313965	2	2	4
70	NR	Aslah Afnas, Darul Fajar	9633220399	5	2	7
71	NR	V M Haris & Serena, Harsinas, Kottali	9895247887	5	3	8
72	115/5	Sini P C	7012032004	0	1	1
73	109/162	Raneesh, Reena Nivas	9061170184	3	1	4
74	NR	Nisha, Annamala, Kottali	NA	0	4	4
75	14/141	Janardhanan, near Gopalankada,	9847823719	1	1	2
76	14/146, 147	Santhosh Kompra	9656754883	3	3	6
77	14/189	Vidhya Sanath, Chandroth House	6238724914	3	2	5
78	46/1	Vijayakumar, Sankeerthanam	9847508228	0	2	2
79	NR	Sreekanth, Annamala Kottali	NA	2	2	4
80	NR	Anup Chakkapeyyan	9995106680	1	1	2
81	14/101	Sujila Chandroth	9567138847	2	1	3
82	NR	Sajini Chandroth	9747156041	2	2	4

83	NR	Deepa P P	9495900458	4	2	6
84	NR	Bharathan, Thampurankandi, Kottali	NA	1	2	3
85	NR	Pavithran Pidikavalappil	9895694817	3	3	6
86	116/3	Ajith	9495935440	1	0	1
87	NA	Dispensary	4972748950	0	0	0
88	14/109	Sujatha Janardhanan	8304847720	1	1	2
89	NR	Pushpashobha	9746214928	2	2	4
90	NR	Abdul Nazeer	9605765553	2	3	5
91	126/207, 208	Madhu , Kottali	9895809699	1	3	4
92	NR	Zaruma, Thaneem house	9995018561	3	2	5
93	NR	Shika, Pavithram	9633995948	3	2	5
94	NR	Seenath	9995523417	2	3	5
95	NR	Divakaran K, Karuvaath H	9387934037	1	3	4
96	NR	Anees	9446267091	3	1	4
97	126/102	Rameshan	9745293590	1	1	2
98	NR	Ranjith, Sreebala House	8606298085	2	1	3
99	126/115	Prasanna, Karuvath H	9746376522	1	1	2
100	126/207	Madhu, Thottayal House	NA	1	3	4
101	188/58	Anghanvadi, (sheena teacher)	9596236134	0	0	0
102	NA	Aboobakar,	9526873469	12	15	27
103	NA	Shani, Sreesadanam Thottada	8590021151	0	1	1
104	126/12	Nazar SNC villa	9746650128	3	2	5
105	NA	Meera MT	9846452032	1	1	2
106	123/2	C Balan Geethanjali opp. kottalikavu	9495418710	1	3	4
107	NA	Jayamma Jayaraj villa	9497513438	2	3	5
108	125/204,205	Ajayan Mooliyil house	9447146468	1	2	3
109	125/147	Prakashan	9595614377	1	0	1
110	123/2	Pradeep Chakkapoyil	8075249313	2	1	3
111	126/203	Sajeevan	9633323085	2	2	4
112	NA	Kamalakshi Narangholi house kottali po	8156972318	2	2	4
113	NA	Mohammad kunji & Alsabah	8136875575	4	2	6
114	125/3	Rohini (Late) Prasanna kumar Vinod Hemanth kumar Usha Girija Pradeep	9061760206	1	2	3
115	124/3	Renjini Divya house	8547137261	1	1	2
116	194/153	Yousuf & Nazar	9746529906	3	7	10
117	NA	Ashraf & Sajida Dar Al Thaneem Kunjipalli	9497446471	1	1	2
118	107/3	Kunjikannan Punathil house, Kunjipalli	8547554363	4	3	7
119	NA	Abdul nazar & Thahira KN Thahira house Kakkad po	9676360909	1	2	3
120	NR	P Mustafa Thakua manzil Kakkad po	9400882333	4	9	13
121	NR	Raghavan P(late) Pankaj , kunji[palli	9496663400	2	5	7
122	NR	Abdulla KP Darulfalah Kakkad	9895830892	6	4	10
123	196/75	Ashique , elsi house Kakkad	8848109030	5	6	11
124	226/3	Muhammad Malabar c villa aayikkara	9900004399	1	0	1
125	NR	Sirajudeen (cement shop)	8891122123	2	3	5
126	NR	Sathar	9947444064	3	6	9
127	184 A	Ayisha Maharood Hasan Suharas Kunjipalli	9895202671	4	1	5
128	NR	Kunjipalli Juma Masjid	9995522878	0	0	0
129	194/113	Moosakutty Azeenas house Kakkad	9995256968	2	3	5
130	NR	Sefeera (Sefia Rasag)	9656054000	3	4	7

131	NR	Ameer Haseena cottage Thana	9746666136	3	3	6
132	1099/105	Umesh Chakkapayyan Pananghath house Kunjipalli	8281207662	2	2	4
133	NR	Khalid, Fathimas Kunjipally	8129697673	5	8	13
134	188/7A	Shafeera KP Dharulkhair Kottali	9744028608	3	4	7
135	194/111	Abdul khadar Fathima manzil	9633595721	3	4	7
136	NR	Heera Prasad, Srishti	8075707585	3	1	4
137	NR	Kousalya, Mooliyil house Kakkad	9048656519	4	4	8
138	NR	Vijayan Alampalli Kakkad	9846035490	3	2	5
139	195/114	Azeez	9995909039	2	2	4
140	250/101	Western Meridian , Majeed, (secretary)	9496977555	0	0	0
141	NR	Abdul Karim	9567160994	2	3	5
142	NR	PVS Fortune Apartment	9947638553	0	0	0
143	NR	Abdul Sathar	9746697671	4	3	7
144	NR	Yousuf & Shabeena , Sabeenas Kakkadu	9746529906	2	2	4
145	NR	Muhammad Kunji, Amina manzil	9995635695	3	2	5
146	239/172	Raghuthaman CM Mooliyil house	9048656519	3	1	4
147	239/175	Pradeep Mooliyil house	9995163672	3	1	4
148	239/174	Dhananjayan Kailasam	9746231005	2	2	4
149	NR	Asma Asmas Kunjipally	9895400365	3	2	5
150	NR	Rama chandran Perumethi	8592940279	2	1	3
151	NR	Sreedevi Sahadevan Soudham	8547028993	2	2	4
152	NR	Shalini(late) Anand, Arvish Aiswarya house	8156991370	4	3	7
153	50/31	Geetha Perumathi	8137869149	1	2	3
154	NR	Padmini Gokulam	9496233688	1	1	2
155	NR	Jayasree Mohan(Rejeena Nambiyar) Mareena house	9747067092	0	1	1
156	NR	Suchithra TV Palleri house, temple gate Thalassery	9747594239	2	2	4
157	NR	Sathar	9995522878	1	0	1
158	NR	Basheer, Rashid Rahmah house	9446409354	2	2	4
159	235/106	Kavitha Murukesh Preetham	9447970705	0	2	2
160	187/7A	Shafeera KP Barakah House	9745600964	8	4	12
161	136/1B	Azeez	9895347162	1	1	2
162	NA	Abdulla, Abjul, Majeed (Hidaya Complex)	9895164720	1	1	2
163	NR	Suhara, Ameer, Ayisha, Basheer Suharas, Kunjipally	9895202671	2	1	3
164	12/77	Khayirunisa Zamil Nivas Kunjipally	9995027316	1	1	2
165	NR	Jamayath Palli pariapalana committee Kunjipally Sathar (secretary)	9995522878	0	0	0
166	184/A	Noorjahan, Ameer, Siddique, Suhara Suharas (high power electro mechanical)	8089755587	1	1	2
167	191/176	Niyas M Salam Manzil	9895427187	1	0	1
168	8/581	Sharafunisa & Haris Daruldeen noor Kunjipally	9995492810	0	4	4
169	NR	Noorjahan Sanujas Kunjipally	9995027316	7	7	14
170	NR	Dileepkumar T Anita nivas Pananghavu	9539027796	2	3	5
171	NR	Sindhu Baburaj Aswathy Chirakkal	9744616539	1	2	3
172	NR	Ashokan T Prarthana Kottali	9495337345	3	2	5
173	NR	Savithri	9544657249	2	2	4
174	120	TP Fousiya Noormahal Kottali	9995920507	4	4	8

175	NR	Nazeema Baithul Iza Kottali	9995519144	2	3	5
176	NR	Geetha	9895337139	1	1	2
177	NR	Unity centre (Masjid) Abdul Nazar Kunjipally	8304006763	1	4	5
178	NR	Karan Haridas	9633771157	2	2	4
179	NR	Renjini & others	NA	2	1	3
180	NR	Jagadeesh Sreeprabha	NA	1	1	2
181	188/5B	Government welfare LP school (Abdul Jabbar)	9847598278	0	0	0
182	NR	Shahida White miller trading	NA	0	0	0
183	125/2,3	Puzhadi North UP school (Abdul Rashid)	7012555315	0	0	0
184	NR	Sadeepti & sheeja PC Janani house, Thana Kakkad road	9446506085	0	2	2
185	3/3	Raveendra Thara house	9447386576	2	1	3
186	NR	Muhammad Salim Dewdrops	9447555038	1	3	4
187	NR	Vrindha	9895900812	1	2	3
188	NR	Pramod	9400628140	1	0	1
189	3/3	Gireeshan	9446389409	1	1	2
190	3/3	CK Abdulla	9656218095	5	4	9
191	NR	Kunjali Mammakal Khadeesumma	9895330794	6	4	10
192	NR	KP Mariyamma (dr. Bennet Chacko)	9446296374	2	3	5
193	3/3	Surendran Prakash	8281252329	2	2	4
194	3/3	Saseendran Prakash	8281252329	1	1	2
195	3/3	Khalid	9400303024	2	1	3
196	3/3	Anita PK , Geetha Pk Chandini & Renuka	9567953845	0	4	4
197	3/3	Zachariya Mariyams	9995461982 3	3	3	6
198	NR	Nazar Nasheeman house	9847305901	4	3	7
199	68/2	Justice AK Basheer Amen Kannotheumchaal	9447090125	2	3	5
200	NR	Janardhanan UK Uppol house	9747598387	4	2	6
201	58/7	Noorjahan Sanagar Kannotheumchaal	9847401504	1	2	3
202	58/121	Azad	9656128635	3	2	5
203	58/8	Mohanan K & Sreelatha M Mallissery	9746026360	3	2	5
204	NR	Premaja Prasannalayam	9496508323	6	7	13
205	NR	Prabhakaran KP	9947267017	1	0	1
206	NR	Azad V	9656128635	3	2	5
207	68/2	Vanaja	9447669892	2	3	5
208	68/2	Ashraf	9447647119	1	0	1
209	NR	Sachin (Western meridian)	9995261144	0	0	0
210 A	NR	Noushad, Melrose (Dr. Muhammad Nazar & others (Banglore)	9742204197	5	5	10
210 B	NR	Nazeema Cornerland Dhanalekshmi Junction	9916485760	5	5	10
211	NR	Saleena Nirmala house	9495688409	2	1	3
212	3/3	Shakeer, Rasheeda,	9048000203	4	4	8
213	68/2	Prem Kalat	9746697005	0	4	4
214	2/1B	Javahir Junitha house near Sreenarayana school	9995139898	11	9	20
215	NR	Sarojini P Pradeepam (Dhanasree export)	8089911377	0	1	1
216	NR	CM Chirankandan (Sukunan)	9447461137	1	1	2
217	163/2	Bharathan Arayambethu Kottali PO	9497728226	3	1	4
218	163/145	JHarikrishnan Mangul Haritham Pananghavu	NA	1	1	2

219	120/174 120/176	Sayeed KP	9447229068	3	4	7
220	161/1	Joy Chathayam	9895233187	2	2	4
221	163/123	Chandramathi A Arayanperuth	8921536522	2	4	6
222	159/129	Chandran & Shobha Shivasakthi Pananghavu	9447071223	4	2	6
223	163/2	K Narayanan	9947655682	4	1	5
224	162	PV Satheeshan Puthenveettil	9388703940	1	1	2
225	NR	Kamala Mukri house Pananghavu	9526725316	4	2	6
226	163	Shailaja	8590538697	0	3	3
227	120/4A,4B	Geetha secretary Handloom society	9447854086	0	0	0
228	NR	Puthucherry LP school	9495449138	0	0	0
229	NR	Mehruniza Nizas palace	9400400433	5	8	13
230	NR	Sudheesh TP	9061247586	2	0	2
231	157/107	Devadas C Cherukada Pananghavu	9349496304	3	2	5
232	157/170	Shilpa Oomkaram house pananghavu	8301878790	1	2	3
233	115/127	Khadeeja & others Sainas	7909251878	3	5	8
234	5/258	Yeshoda & others Puthiyapurayil	9895439780	4	2	6
235	159/184	Chogan Purushothaman	9656489009	2	3	5
236	NR	Ajitha Kuttichi Pananghavu	9495796132	2	1	3
237	159/401	Babu & Anita Kuttichi Pananghavu	9947996242	1	3	4
238	157/133	Suja Thoniyott	8129864255	1	2	3
239	NR	Chandran Nandhanan Pananghavu	9447171857	1	3	4
240	115/5	Parappil Sareena	9946966550	5	6	11
241	157/1	Girija & others	2775195	0	2	2
242	121/3	Sumalini late Snehaprabha KM Anugrah house	9656948534	2	1	3
243	121/4A	N Narayanan Meghana Pananghavu	2777529	1	1	2
244	NR	KP Padmanabhavannair late Sreenidhi	2779229	0	1	1
245	121/3	Prasila	NA	1	1	2
246	NR	Sumalini	NA	1	1	2
247	121/5	Sandhya Rameshan Harikripa	9207816539	1	3	4
248	157/122	Leena Thoniyod, Sheela, Suja, Sreeja, Reshma	8129864255	0	2	2
249	NR	Pradeepkumar Thundiyl	9048868608	3	1	4
250	121/58	Shobhana	8943956242	1	4	5
251	NR	Sushama Lakshmanan Ashtami house Pananghavu	9895137810	1	1	2
252	NR	Vinod K Sreechithra house	9605640666	3	2	5
253	157/132	Sreeja Thoniyott	9633704025	1	1	2
254	NR	Divya Divyaprasadam	8547630244	3	2	5
255	119/118	Biju Sreekrishna	8946045388	2	2	4
256	NR	Hamsa haji Secreatary Madrasa	9895183833	0	0	0
257	NR	Mustafa penastore shop (stationary) Kottali road	9447604455	1	0	1
258	105/4	Prakash Neerozhukumbol(Beena readymade shop)	9995516829	1	0	1
259	119/5	Chandrabhanu Krishna house	9495083150	1	3	4
260	105/1	Suresh Babu Chimminiyan	9995085195	3	1	4
261	105/1	Moideen Jain house	9061665500	1	2	3
262	119/5	Narayanan & others	9895250963	2	1	3
263	120/220 121/1	Raziya Hashim SES	9544399786	4	4	8
264	159	Kannan Amrutham	9188750611	3	1	4

265	NR	Manoharan Manu nivas Pananghavu	9656070568	2	2	4
266	NR	Semeera, Ahamad	9633071153	5	6	11
267	105/5 160/2	Lalitha, Vasydevan, Ramachandran Koyyodan house	9037496424	1	1	2
268	NR	Rejila Subramanyan	NA	1	2	3
269	105/3	Abdul Salam Zafs	9895063138	1	4	5
270	NR	Beefathu PP house Mukkile peedika	9895566436	2	2	4
271	NR	Hamsakutty, PP Hameem	9846020050	4	2	6
272	NR	Abhilash K Triveni Lottery Stylo junction	2778644	5	0	5
273	NR	Rasheed Sonic footwear	9449785974 2	1	0	1
274	NR	Latheef (Fayis)	9895477016	3	0	3
275	NR	Sajeena B Koral taylors	9895236423	0	1	1
276	NR	Sadiq Sherin medicals	9847810718	1	0	1
277	NR	Jayadasan JK taylors Thirumangalam house	9349930403	1	2	3
278	907/2	Vino bhai	9847403258	1	1	2
279	108/3	Gafoor Pookkod furniture shop	9746400809	1	0	1
280	108/3	Satheeshan AP Arukandi parambath	9947696623	3	2	5
281	108/3	Raveendran Arukandi parambath	9995269630	3	3	6
282	108/3	PP Ameen	9846020050	4	2	6
283	108/3	KP Musarath	9895876544	0	1	1
284	108/194	Jayaprakash PP Padinjarepeedikayil	8281026741	3	2	5
285	108/3	PK Kunjipathumma PK house	9895355345	2	1	3
286	NR	Moideenkoya NP EM fruits Stelo corner	9895103919	1	0	1
287	NR	Sunil Mutti house, Pananghavu	9847405058	2	3	5
288	108/3	TP Rafeena	9895246060	4	6	10
289	NR	Ayisha beevi Ayisha manzil	9846138330	4	2	6
290	81/33	Sreeja Arukandi parambath	9496426022	2	1	3
291	120/5B	Mutti Balan late (Santhosh) Mutti house	9544557949	3	3	6
292	108/3	Mustafa PK house	9895355345	3	5	8
293	108/2	Dr AD Asha Rani & Dr KV Pavithran	9447690999	2	1	3
294	108/3	Rajeevan Aarukandi parambath	9447449062	2	3	5
295	NR	Savithri Vijay nivas	9947994096	5	4	9
296	NR	Triveni lottery shop (Deena Mohammad)	9995608182	2	2	4
297	NR	Arshad	9895255860	2	2	4
298	NR	KP Abdul Shukkur	7025795774 9447048173	2	3	5
299	119	Padmarajan	9495296495	1	3	4
300	NR	Sarachandra & others Sangeetham	9930574794	8	10	18
301	NR	Shahul	9447077442	1	0	1
302	119/5	Sreenivasan	9895250963	2	1	3
303	118/158	Geetha Sivaji	NA	3	5	8
304	NR	C Abdul Jabbar , Vahid EK , Javas (H)	8075149916	3	4	7
305	NR	Janaki KV Chembra	7356138066	1	2	3
306	NR	Shahul Hameed	7020060497	3	3	6
307	118/10	Shanila NP	8139844112	2	2	4
308	118/156	Manorama Puthiya valappil	7736386677	2	2	4
309	118/10	Saheena Puthiyavalappil	9995934990	3	1	4
310	118/9	Jayarajan Sreejayam	9567493039	1	1	2

311	206/1	Harshanas	9846119898	0	0	0
312	206/1	KM Mustafa Prince villa	9846119898	2	4	6
313	206/1	KM Ramlu Prince villa Kakkad	9895449898	6	7	13
314	206/1	Shermila Nasif New mahi	9895449898	2	3	5
315	206/1	Harishanas	9846119898	2	2	4
316	NR	Shafeek	9633360022	4	3	7
317	NR	Abdul Khadar	9847024991	2	3	5
318	210/131	Nusrath	944783877	4	2	6
319	220/110	Sulekha & Suhara	NA	4	3	7
320	NR	Muhammad kunji K Malik Manzil	9895581462	3	2	5
321	NR	Yousuf K	9400703137	1	1	2
322	220/1	Yousuf Thawaf Kakkad	9995522789	4	2	6
323	210/131	Sajitha furniture shop	9447889264	3	4	7
324	210/131	M Thahir	9567507653	4	8	12
325	NR	Ashraf V Zukoor	8138972656	2	2	4
326	NR	Saifuniza	949635487	0	1	1
327	NR	TP Fathima (Azfa) Veenus bakery	7012711175	4	6	10
328	210/149	Hamsa	9746218267	2	4	6
329	220/20-25	Ismayil BK Automobiles	9495981237	25	23	48
330	NR	Shahir (Nazeema) Sweet Layer bakery & Universal books Shahir Al Mahaba mobiles	8129902132	8	8	16
331	210/131	Abdullakutty Sabiras	9746920792	4	3	7
332	210/131	Rasheeda Iqbal	7012616316	3	3	6
333	216/17 210/6	Muhammad Kunji KP Rasheeda Harshanas	9496560091	3	3	6
334	NR	Majitha Muneer	9995068583	2	2	4
335	NR	Subitha Kakkad	6282656791	1	4	5
336	NR	Thahir & others	8891034355	6	5	11
337	NR	Abdu Jabbar	7356786772	2	3	5
338	220	Jumamasjid building	9846029051	0	0	0
339	NR	Hydrose Masjid building – Sathar	940058641	0	0	0
340	NR	Hydrose Masjid building	940058641	0	0	0
341	220	Jamayath Masjid building	9895655212	0	0	0
342	220	Jamayath Masjid building	9895655212	0	0	0
343	220	Jamayath Masjid building Yahin, Sirajudeen	9895655212	0	0	0
344	220	Jamayath Masjid building	9895655212	0	0	0
345	NR	Hydrose palli , CB Khalid	9895696507	0	0	0
346	NR	Jamayath Masjid building	9895809395	0	0	0
347	NR	Shafeek	7012698816	1	0	1
348	NR	Suhara (Sathar)	9895236198	3	4	7
349	NR	Kachery Raziya (Muhammad Kunji)	9496560091	0	1	1
350	119/101	Dalina & Rejeesh Mohandas	9946541190	2	1	3
351	196/1 c	Manzoor, Ahamadkutty, Muhamadali	9846092523	4	2	6
352	120/175	M.P.Nalanan	9995026440	2	4	6
353	121/113	Modathi Lakshmi (late)	7356208288	2	1	3
354	158/7	Kamala Balan	9495993010	1	3	4
355	58/141,142	N K Jayaraj & Bharathi P	9567095240	2	2	4
356	119/7	P T Mukundhan	9746953585	1	1	2

357	NA	Leena Raveendran	9895959601	6	3	9
358	NA	Shyamala	9633195958	0	2	2
				778	836	1610

Table No. 6.1 shows the details of families. A total 1610 members - 778 male and 836 female - from 350 families are directly affected by the acquisition. 8 units are public utility institution, and 12 place of worship, are considered as *Not Applicable* and detail of two of the affected families did not provide.

6.3 Monthly Income

Table No. 6.2 Monthly Income of the Land Owners	
Income range	Frequency
Bellow 5000	151
6000-10000	74
21000 – 30000	35
Above – 31000	19
NA/NR	50
Not applicable	12
Total	358

Table No. 6.2 shows the monthly income details of the land owners. 151 respondents have income bellow 5000. 74 of the affected have income between 10001-20000. 35 of them have income between 21000 and 30000. 19 respondent stated that his family income is above 41000/- per month. There are 50 landholdings which are not available and 12 under not applicable.

6.4 Acquisition affects Income

Table No. 6.3 Affect Income	
	Frequency
Yes	120
No	79
Not responded	147
Not applicable	12
Total	358

Table No.6.3 shows the Impact of acquisition on family income of the affected. Out of land holders 3 said their family income will be affected by the acquisition and 3 of the respondents did not responded. 8 were not applicable.

6.5 Source of Income

Table No.6.4 shows the details of major income source of the landholders. Out of 358 landholdings of them have building rent as income, 71 of them survive with business, 10 of them engaged in

agriculture, 20 of them are in gulf countries, 72 of them survive on pension, 43 of them are engaged in other economic activities, 13 of them do daily wage jobs, 9 of them are drivers, and 17 of them are government job. 10 landholders are not applicable and 54 of them did not respond.

Table No. 6.4 Source of Income	
	Frequency
Building Rent	39
Business	71
Agriculture	10
Gulf	20
Pension	72
Others	43
Kooli	13
Driver	9
Government job	17
Not Responded	54
Not applicable	10
Total	358

6.6 Type of Ration Card

Table No. 6.5 Type of Ration Card	
Type	Frequency
No card	5
APL	222
BPL	40
Not responded	71
Not Applicable	20
Total	358

Table No.6.5 shows the type of ration cards possessed by the landholders. Out of 358 landholders 5 of them don't have Ration card, 222 of them are APL. 40 of them are with BPL, 71 of them did not respond and 20 are not applicable.

6.7 Affected Vulnerable Groups

Table No. 6.6 Vulnerable Group	
<i>Social Category</i>	<i>Frequency</i>
Scheduled caste	4
OBC	214
General	68
Not responded	63
Not applicable	9
Total	14

Table No. 6.7 presents the vulnerable social group affected by the project. There are 4 families from scheduled caste .214 Other Backward Community and 68 of them from general category affected by the acquisition. 8 affected are in the not applicable category. 1 respondent did not respond.

6.8 Difficult Situations in the Affected Families

Table No.6.7 Difficult Situation	
Conditions	Frequency
Stroke	3
Heart problems	20
Other chronic sickness	24
Aged	65
Differently abled	4
Total	116

Table No. 6.7 shows the conditions in the families affected by the acquisition. Among the affected families, 3 are suffering stroke, 20 with heart disease, 24 other chronic problems, 65 of them are aged and 4 of them are differently abled.

CHAPTER – 7

PLANNING OF COUNTER – IMPACT IMPLEMENTATION

7.1 Approaches to Impact Mitigation

The social counter-impact project has been planned to reduce / mitigate the social impact caused in connection with land acquisition. Land / property owners mainly demand for satisfactory compensation. Therefore, what has been proposed as a counter-impact mitigation step is to negotiate the amount for the loss of land and properties with the affected parties concerned and pay them well in advance prior to the takeover.

7.2 Methods for Negation, Mitigation and Compensation of the Impact

During the SIA study the team got the feedback from the affected community only 158 out of 358 of them said that they are willing to give their land / property if a fair compensation as per the RFCTLARR Act, 2013 is given. Majority (192) said that they are not willing to give their land. And not only that, most of them did not give adequate information required for the study. The acquisition is for the expansion of the road and if some exemptions are given demolition of many houses and buildings and livelihood can be reduced and impact mitigation can be easy and government loss of heavy compensation can be reduced. Though it is part of the City Road Improvement project it also serve the purpose of diverting the long distance vehicles from Mangalore side to Kozhikode side. Hence respecting the concerns of the affected, make possible alterations in the alignment and exempt houses, buildings etc to reduce the impact. If possible avoid bus bay and other extra facilities. Make strong and safe slabs on drainage for footpath. Make the compensation payment at the appointed time as per the strict execution of RFCTLARR Act, 2013 which insists on Fair compensation, Transparency, Rehabilitation, Resettlement and other packages.

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. 41 houses and 103 buildings rehabilitation /resettlement apart from the other 120 dependence and all these should be taken care. 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 comes 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 property should be considered with at most reality.

7.5 Alterations to Project Design to Reduce the Social Impact

There was some suggestion or request for alternate alignment in this particular Mini bypass in the proposed project . some of them suggested that there is a main NH66 bypass for the long route vehicles and also there is a flyover in the City coming up. These alternatives can remove the traffic problems and speeding up the NH bye-pass making will also help solving the traffic issues in Kannur. Some of them also expressed concern about their future and compensation.

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 Mini bypass Project, 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 measure for the project implementation lies with the district administration and the proponents. This mitigation plan is addressed to reduce negative social impact of the acquisition of about the additional 4.7316 hectares of land. The mitigation measures suggested:

Table No. 7.1 Impact Mitigation and Management plan			
Impact	Mitigation Means	Factors to be monitored	Concerned Agency
Concern about Inadequacy of Compensation	To formulate criteria for full compensation; Criteria to be published before hand; To set up a Grievance Redressal system	Transparency in compensation Number of complaints about compensation Number of demands to enhance the compensation	Dept of Revenue
Concern about Alignment preparation/ measurement	Take the measurement from the middle of the road to both the sides equally where ever possible.	People's concern and tension reduced and everyone is satisfied. Less objection/litigation	KRFB & KCRIP

Demolition of small portions multi storied buildings in Kakkad town and Puthiyatheru town.	As far as possible avoid demolition of strong multi storied buildings compromising a little from the footpath	Greater reduction of compensation from the govt. and properties and intact.	KRFB &KCRIP
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/make another building	Modify criteria to increase the compensation to buy land in the same locality. Enable exemptions in stamp duty and such things/ special packages	Number of persons unable to find land. Caution about misuse of gained compensation	Dept of Revenue
Complaint about the delay in the payment of the compensation	Finalise the amount before handing over the land to the Project	Number of affected waiting for the amount even after the taking over is completed	Dept of Revenue
Fear the tenants may cancel the tenancy and claim deposits	Provide loan facility to settle the deposits if needed	Policy-making and execution	Concerned Agency
Fear of major reduction of business due to the loss of frontage view and parking	To find out areas with such facilities for parking or create parking space elsewhere.	Support services	Concerned Agency
Fear of delay during the construction work and traffic issues.	Prepare plan for quick work completion as far as possible one way system	Systematic schedule and plan of action, traffic reroute/diversion	RBDCCK & proponent Corporation/ Traffic police
Loss of public institutions and school	Post office shifting, ration shop, Anganwadi, schools, corporation buildings etc are to be resettled.	Find accessible locations/ space for the stakeholders.	RBDCCK & proponent Corporation etc.

Economic Measures

- The most significant social impact through the implementation of the project at the present location is the loss of property for 350 households and 8 others / landholdings and their dependents. Loss of property and the assets due to the Mini bypass project 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.

Environmental Measures

As such the Mini bypass project do not propose any major work harming the environment. The construction plan also should include proper drainage, avoiding water logging during the monsoon.

Rehabilitation and Resettlement Measures

The fully affected households/ shop building owners must be properly and transparently resettled and fair compensation should 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 land or property must be taken care with utmost care and the sentiments of the affected should be respected.

Rehabilitation of the wall and gate belongs to the Public utility institutions must be planned and included in the road works contract itself so that any delay/ procedural delay can be avoided and simultaneous work can be completed.

Other measures

A public redressal mechanism should be designed at the project site/in the concerned office/ Corporation office to address the concerns of the indirectly affected population during the construction and operational stages of the project.

7.7 Measures to Avoid, Mitigate and Compensate

- The loss /damages of 41 houses and 103 buildings due to the acquisition can be reduced by making changes in the alignment which will be beneficial to both government as well as the affected.
- Those who do not support the project did not give much details. They have to be contacted and incorporated in the project program
- A redressal system may be set up with representatives from Revenue Department, Corporation and the proponent (KCRIP & KRFB) 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 and rehabilitation the all types of affected.
- Safety and living facilities of the workers and others involved must be taken care.

Comparing / weighing the positive against the negative impacts, it can be easily concluded that the former outweighs the latter reaffirming the project as the most inevitable and apt one for the works. The loss of ancestral assets for 227 households will have its negative impact physically and psychologically. There are demolition of houses/buildings, resulting the displacement houses and many livelihood and negative impact on business due to the loss of parking area, livelihood, and

physical structures. 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.

7.8 Willingness to give up land

Table No. 7.2 Willingness to give up land		
	Frequency	percentage
Yes	158	44.1
No	192	53.6
Not applicable	8	2.2
Total	358	100

Table No. 7.2. Willingness to give-up their land/property. 158 Out of 358 are willingness to give up the land.192 said not willing to give up their property and 8 are not applicable.

CHAPTER – 8

SOCIAL IMPACT ACTION PLAN DIRECTORATE

8.1 Introduction

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).

8.2 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.

GO (Ms)No.56/2019/RD dated 14/2/2019, Thiruvanthapuram, Revenue (B) Department
At state level the land Revenue Commissioner is entrusted to perform the functions designated to them in relation to RFCTLARR Act-2013.

As per the GO read above a High level Committee headed by the Chief Secretary with the following members was constructed for issuing sanction for acquisition of land and guidelines had been issued for placing proposals before the High level Committee. The guidelines specify that all proposals for Land Acquisition shall be examined in detail by the concerned Administrative Department and forward the same to Revenue Department for approval by placing before the High Level Committee and thereby issuing sanction for acquisition.

1. Chief Secretary - Chairman
2. Secretary Revenue Department - Member
3. Secretary of the Administrative Department - Member
- 4.. Any Officer nominated by The Chairman may be called as a Special Invitee.

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 (l) 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) 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) 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 (l) of rule 3 of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement (Kerala) Rules, 2015 has appointed Special Tahasildar LA (KCRIP) & Deputy Collector LA Kannur to perform any one or more functions of a Collector under the said Act within the area specified in column (3) thereof and authorize 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 (l) section 11 of the above Act.

CHAPTER - 9

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

9.1 Costs of all Resettlement and Rehabilitation Required

The cost is to be calculated for resettlement and rehabilitation as per the RFCTLARR Act, 2013 by the land Revenue Commissioner at the State and the District levels.

9.2 Annual Budget and Plan of Action

To be worked out by the land acquisition section of the Revenue Department.

9.3 Funding Sources with Break Up

Not available.

CHAPTER 10

SOCIAL IMPACT MANAGEMENT PLAN MONITORING AND EVALUATION

10.1 Introduction

Monitoring is a long-term process which should begin from the start of the Mini bypass should and 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 say 3 to 5 years.

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:

10.2 State Level Body

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 to carry out post-implementation of social audit.

10.3 District Level Body

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 Kannur 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 ***Land Revenue Commissioner*** 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 11

ANALYSIS OF COSTS AND BENEFITS RECOMMENDATION ON ACQUISITION

11.1 Final Conclusion and Assessing the Aims

The proposed Puthiyatheru- Kannothumbal Mini bypass project will put an end to the ever increasing and continuous traffic problems in the heart of Kannur City. It is part of a very important 3 phase Kannur City Road Improvement Project. Also aims to divert the vehicles coming from Mangalore side without touching Kannur City central part to Kozhikode side. Though the proposed NH 66 and its bypass will cater the heavy vehicles and tanker/ transport goods vehicles to move smoothly, still a number of light vehicles take diversion near Pilathara via Pazhayngadi and reach Valapattanam Bridge to Puthiyatheru and take diversion to Kannothumbal. Hence the mini bypass is significant and for a better public interest. At present the road is very narrow in many places and very dangerous to the pedestrians. Considering all these aspects the Mini bypass is very much required and some changes in the alignment are required.

11.2 Character of Social Impacts

The proposed land acquisition is acquiring about 4.7316 hector land from 65 survey numbers possessed by 350 households and 8 other public institutions. The affected people of the area face many difficulties due to the implementation of the project. On both the sides of the road there are buildings – residence, shops or both, religious worship place hospital compounds, government institutions like Anganwadi, public schools, Post Office, Corporation buildings and Public Roads, Properties of Religious institutions, Kottalikkavu, Arayalthara etc. are the main impact of the acquisition. It totally affected a population of 1610 including 778 male and 836 female. Apart from the dependent of the people who are running shops or other establishments or their employees and their dependents are indirectly affected in their income and livelihood. The families expressed the concern that, for the acquisition they need to get fair compensation, considering the loss of livelihood and income. The land acquisition is done from one side only due to the alignment specification and standards of the Indian Road Congress. But this is increasing the impact of the acquisition by affecting a lot of houses and buildings.

Majority of the affected not only expressed that they are not interested to give up their land/property/house but also stated that this project is not required and asked for a revision of the alignment. Hence it is observed that by making possible changes in the alignment and providing

maximum compensation the impact can be brought down. Since the project is treated as 'framed for a public purpose' under RFCTLARR Act- 2013, the people of the area should feel secure and through this Act, they need to get fair compensation. If all the authorities and people of the project area work together, the implementation of the project will be successful. Considering the public advantage, interest and treating it as inevitable, the project needs to be implemented.

11.3 Major Suggestions by the Affected

Following are the major suggestions and recommendations proposed by the affected to mitigate the impacts on them:

- A Thick residential houses and buildings of livelihood activities, schools etc. must not have opted facilities like bus bay and increase the width of the road where ever there is a need of it.
- A lot of houses and multi storied buildings are affected and will require huge money for compensation and hence make possible revision of the alignment and save reduce the impact of acquisition.
- Some houses/buildings are affected in such a way that if made some changes in the plan the property will not stay intact.
- The simple example to say that the alignment is unscientific is that in Stylo Junction the acquisition is from southern side and the vehicles have to come from the northern side. Make changes in the alignment and take land from both the sides of the road.
- The alignment reaching Kannothumbal will invite the need for a traffic signal there apart from affecting the houses and livelihood buildings. If the alignment is taken straight to Thana from Dhanalakshmi junction the blockade of two signals can be limited to one.
- Support for setting up the livelihood after completing the reconstruction of the remaining building.
- Value calculation in par with market value
- Grant some relaxation in the Municipal Act/Rule of minimum distance from the road for the new buildings in the remaining available land.
- Acquire the land or property only if the proposed widening work will commence and complete in a given time span.

- When the public/govt. institution properties acquired, wall and gates are demolished make on the spot temporary arrangements for the safety of the properties and execute the tender in such a way that the contractor will carry out such works too.
- Constructions works may be done in a prepared manner and time-bound so that the livelihood/ commercial activity will not be halted for a long period causing blockade in the economic activities.
- Intimate the affected about how much land required for the project and will there be left over land that can be used. There should be proper communication from the authorities on acquisition and marking/ stone installing.
- Balankada: Since more than 50 years my father was running the hotel to make a living and now me. On one side my house and the other side this livelihood is affected. Just like my two eyes. Don't take both. Spare one.
- Its just a short while ago the people of Kakkad town given land free of cost for road expansion. Now again acquisition cannot be agree. There is enough width in the town. There is no much traffic issues in Kakkad town as most of the vehicles coming from Puthiyatheru are taking diversion just before the town towards Vaaram.
- Many in Kakkad town taken bank loan for making the building and now if the buildings are acquire then loan repayment and the livelihood will be affected badly.
- As the acquisition affect 4 schools and 2 Anganvadies, the future of those students will be affected and there is a deeper concern about the same.
- There is some areas where the footpath not available and no space for pedestrians to walk safely. This issue to be addressed seriously.

SUMMARY & CONCLUSION

The Puthiyatheru Kannothumball Mini bypass is part of the Kannur City Road Improvement project. The project will enable an overall infrastructural development and economic development in the area. At present many vehicles from Puthiyatheru pass through this road to Kannothumball to escape the traffic jam in Kannur City. The total land to be acquired is 4.7316 Hectare from comprising 65 survey numbers of 350 households and 8 other public establishments. The rest of the land is the existing road and other public roads. The bypass project is for the public interest. Majority of the affected are not supporting the project when the study team approached. It is observed that the affected may be ready to give their property if proper compensation is given. This study report will be helpful for the acquisition.

To execute this project, many people need to sacrifice and give away of their properties. As part of land acquisition for this project, people of that area lose land, frontage of house/building/livelihood units, public utility infrastructure and institutions etc. According to the Right to Fair Compensation, Transparency in Land Acquisition, Rehabilitation, Resettlement Act 2013, the people of this area need to get fair compensation. For this, the team has studied the social impact on the area and proposed methods to reduce the negative impact. The main demand from the affected is that make changes in the alignment, take land from both the sides, avoid extra facilities like Bus bay.