

SOCIAL IMPACT ASSESSMENT STUDY

22 - 12 - 2018

FINAL REPORT

Submitted to

**CHIEF SECRETARY, GOVT. OF KERALA
THIRUVANANTHAPURAM**

**VALIYA KADAMAKUDY – CHATHANAD
BRIDGE & APPROACH ROAD**

Village : Kadamakudy & Ezhikkara

SIA UNIT

**Youth Social Service Organization
Social Service Centre**

M.A. College P.O

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**SOCIAL IMPACT ASSESSMENT STUDY
FINAL REPORT**

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**VALIYA KADAMAKUDY – CHATHANAD
BRIDGE & IT'S APPROACHES**

Notification Number: G.O (P) No.38/2018/RD dated 23.06.2018.

District: Ernakulam

Taluks: Kanayannoor & Paravoor

Villages: Kadamakudy & Ezhikkara

Submitted to

Chief Secretary, Govt. of Kerala

Thiruvananthapuram

SIA UNIT

Youth Social Service Organisation, Social Service Centre

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Executive Director
Fr. Jose Paruthuvayalil

DECLARATION

As per the Gazette notification No. **G.O (P) No.38/2018/RD** dated **23.06.2018**, from District Administration Ernakulam, Youth Social Service Organization is assigned as the SIA Unit to study the Social impact Assessment of Land Acquisition for Valiya Kadamakudy – Chathanad Bridge & it's Approaches Project

The land details are given to the SIA team by Special Tahsildar Office (LA)G.C.D.A Kadvanthara Ernakulam. The SIA team has collected data from the project affected families and the stake holders at Valiya Kadamakudy – Chathanad Bridge & it's approaches project, the proposed project area. The supportive documents have to be verified by the concerned authorities

Chairman,

SIA Unit

Youth Social Service Organization

22 – 12 – 2018,

Kadvanthara.



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[See Rule 15(5)]**

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CHAPTER - 1

EXECUTIVE SUMMARY

1.1. PREFACE – THE PROJECT AND PUBLIC PURPOSE

In the growing stage of villages it is indeed a need to spurn the isolation of islands by developing transportation facilities wherever possible and without harming the flora and fauna. The construction of roads and bridges will connect the islands to the towns and other places. The movement of the people in the islands will be easiest through the construction of bridges and it shall bring social and economical development to the islands. The land acquisition for the proposed Valiya Kadamakudy - Chathanad Bridge and its Approaches Project set to start. Proposed Valiya Kadamkkudy - Chathanad Bridge and its Approaches would connect Ezhikkara and Kadamakkudy Panchayaths. The people living in the islands depend on the main land for all the basic requirements like their Medical Needs, Educational facilities, etc. The road is expected to provide the required connectivity to the islands and avoid the ferry service for the people of Valiya Kadamakudy and Chathanad in Ezhikkara village. The proposed connectivity of these Panchayaths to the National Highway is very important in view of their socio-economic development and management of any disaster.

1.2 LOCATION

The affected area belongs to Kadamakudy Village in Kanayannoor Taluk and Chathanad of Ezhikkara Village in Paravoor Taluk in Ernakulam District. The proposed bridge will connect Kadamakudy village and Ezhikkara village.



Kadamakudy – Chathanad Bridge and its approach project location

1.3 SIZE AND ATTRIBUTES OF LAND ACQUISITION

The proposed project will involve acquisition of 2.0848 hectare .The land and properties include residential houses, compound wall and gate, land with productive assets, well, pond, commercial units/shops and 1 temple- a place of worship.

1.4 ALTERNATIVES CONSIDERED

The construction of Valiya Kadamakudy - Ezhikkara Bridge has almost completed except its landing in Chathanad and some portion of the bridge and its landing in Kadamakudy village. Hence the consideration of alternatives at this stage is not relevant here.

1.5 SOCIAL IMPACTS & MITIGATION MEASURES

| Table no. 1.1 affected land/properties | | |
|---|-----------|---------|
| Particulars | Frequency | Percent |
| House | 19 | 35.8 |
| Land | 22 | 41.5 |
| shop/ livelihood | 5 | 9.4 |
| Place of worship | 1 | 1.9 |
| Tap | 2 | 3.8 |
| Panchayath well | 1 | 1.9 |
| common path | 3 | 5.7 |
| Total | 53 | 100.0 |

The land proposed to be acquired is used for residential, agricultural, shops and religious purposes. Out of 53 land holdings 19 houses, 5 shops/livelihood (+2 are attached to their houses), 1 temple, and 22 landed property with different inventories, 1 Panchayath well, 2 pipe and taps, and 3 common paths are being affected by the proposed acquisition. The improvements made in the land also will be thus affected for the families. One family's pond might also be affected by the proposed project. Among those 7 families' primary source of income is the shops they run in the site. The aforesaid 7 families' regular income will be curtailed by the project land acquisition.

Some of the land owners stated that they do not know the exact extent of land that will be acquired. It appears from the analysis and overview of the act that the provisions of compensation for land acquisition under RFCTLARR Act, 2013 will be sufficient to manage the social issues. Speedy disbursement of compensation is recommended.

TABLE 1.2 ANALYSIS OF THE VARIOUS POSSIBLE SOCIAL IMPACTS

| S. No. | Type of Impact | Status | Mitigation Measure |
|---------------|--------------------------------|--|---|
| 1 | Loss of Land | 22 survey numbers with Land holdings would be affected – Direct Impact | Compensation as per RFCTLARR Act, 2013 |
| 2 | Loss of Built-up Property | 30 structures would be affected. 19 residential houses toilets & bathrooms, 7 commercial shops, 2 shed & store would be lost. 1 Place of worship, Gate & compound wall, well 7, toilet 1 and Panchayath well - Direct Impact | Compensation as per RFCTLARR Act, 2013 |
| 3 | Loss of Productive Assets | 46 families will lose their different variety of commercial crops like coconut tree and a number other varieties including arecunut, inventories. | Compensation as per RFCTLARR |
| 4 | Loss of Livelihood | Out 46 land holdings, 7 of them lose their shops which is their livelihood | Compensation as per RFCTLARR Act, 2013 |
| 5 | Loss of public utilities lines | Yes, drainage, Roads/paths, commonly used well and taps etc. will be affected | Has to be restored simultaneously |
| 6 | Loss of common property | Cut across a number of Public paths and private passages | During Construction stage – the smooth access through the road should be ensured. |

| | | | |
|----|--|---|--|
| 7 | Threats to the nearest houses/structures during construction stage | Yes. A few houses are very close to the landing of the bridge and the piling work might damage their houses | Care and caution must be scientifically taken to avoid any damage if required shifting them during the construction. |
| 9 | Displacement of Vulnerable Groups | Yes. Widows, Women headed households, and the elderly population would be displaced. | Priority needs to be given for disbursement of rehabilitation package |
| 10 | Loss of Religious Structures | One temple | Has to be relocated and Deity must be moved with all rituals |

1.6 SOCIAL IMPACT MITIGATION PLAN (SIMP)

Based on the desk review, field investigations and consultations undertaken during the social impact assessment of land acquisition the proposed Valiya Kadamkudy-Chathanad Bridge and its approaches, the following Social Impact Mitigation Plan (SIMP) has been developed. The major mitigation measures drawn are:

Economic Measure, Loss of property, assets, and livelihood due to acquisition of land for the Valiya Kadamakudy – Chathanad Bridge and its approaches should be compensated as mandated by the RFCTLARR Act under sections 26-31 and which are listed in the First Schedule of the Act for the 46 households. In the case of land holdings (common path/passages) for which there are no proper documents it is deemed that their case may be dealt with due consideration but adhering to the existing law.

Positive Impacts

| Impact | Direct/ Indirect | Temporary / Permanent | Major/ Minor |
|---|---------------------|--------------------------|-----------------|
| Easy transport and travel accessibility to the people of Kadamakudy and Ezhikkara villages and others at large to cities and other places | Direct | Permanent | Major |
| Tourism promotion | Direct & indirect | Permanent | Major |
| Better transportation & Business Promotion, fishing, Easy access to Ernakulam Town etc. | Direct & indirect | permanent | Major |
| Support to industrial units | Direct & Indirect | Permanent | Major |

To conclude, the discussions and interactions with various stakeholders including the affected families highlighted the need to speed up the acquisition process and make the compensation at the earliest. In reality, acquisition of the 2.0848 hectares of land for which the SIA study has been done, is inevitable for the Valiya Kadamakudy- Chathanad Bridge and its approaches as it is essential for the infrastructural development of GIDA. The SIA team is unanimous in viewing that this land be acquired by providing due compensation as per the RFCTLARR Act 2013 provisions. The team emphasizes that the project is important for the development of the area and the state; the proponent is suggested to balance environmental and social considerations and benefits through implementation of the proposed mitigation measures. It is recommended that preventive measures be given first consideration in order to reduce the cost of undertaking the mitigation measures and at the same time minimize the negative impacts of the project.

1.7 REHABILITATION & RESETTLEMENT MEASURES

It appears from the analysis and overview of the Act that the provisions of compensation for land acquisition under RFCTLARR Act, 2013 will be sufficient to manage the social issues. Speedy disbursement of compensation is recommended.

Compensation as per RFCTLARR Act- 2013 will be sufficient to mitigate the impacts like loss of land, loss of productive assets, loss of business, loss of public utilities and displacement. A total of 53, including 19 households who lose their residences, 7 commercial establishments, and 1 place of worship are affected in the project alignment. As there are 19 houses which are fully affected, there is a need for resettlement. There are other structures like 4 gates and compound walls, toilets and bathrooms water sources like wells, pond, and public pipe water taps etc. needed rehabilitation measures.

| Table No .1.3 Resettlement for Chathanad in Ezhikkara village | | | | | |
|--|----------------------|----------------------------|----------------------------|--|-----------------------|
| S.N. | Survey number | Name of land owner | L and Area Affected | Utilities/ items | Rehabilitation |
| 1 | 14/18-1-9 | Mini Ambros | Don't Know | House and land | RFCTLARR ACT 2013 |
| 2 | 14/3-A-A12 | Mani K K | 10 cent | House, Toilet, compound wall, adjacent tea shop of livelihood, Puli-1, anjili-2, Coconut-2, arcunut-1, | RFCTLARR ACT 2013 |
| 3 | 111/17-9 | Pankajakshan Kottaparambil | 7.5 cent | House, petty shop, land, coconut tree-4, arcunut-6, jack tree-2, mangotree-2, pili-1, well. | RFCTLARR ACT 2013 |
| 4 | 14/5-A2 | Disni Priyanath | Don't Know | House, land, well, compound wall, Pathimukam-1, | RFCTLARR ACT 2013 |

| | | | | | |
|---|-----------------|---------------------------------|--------|---|----------------------|
| | | | | Aranamaram-1, cononut-1, jack tree-2, mango tree- 3, arecanut -9, Elanji-1 teak-1, Anjili-3, Puli-3 | |
| 5 | 14/17 – B-B3 | Sabeth vazhakkootta- thil | 3 cent | House, toilet, land with coconut-2, arecunut-2, | RFCTLARR ACT 2013 |
| 6 | 111/15- 10 | Boban Vincent | 5 cent | House and land, | RFCTLARR ACT 2013 |
| 7 | 111/ 15 – 8 | Daisi Joy | 4 cent | House and land, | RFCTLARR ACT 2013 |
| 8 | 111/16 pt.5 | Chakkunni & Sons | 8 cent | House and land, | RFCTLARR ACT 2013 |
| 9 | 111/15-9 | Santhosh K.V. | 5 cent | House and land, coconut-2, arecanut-5, elanji-1, jacktree-1 | RFCTLARR ACT 2013 |

Table No. 1.4 Resettlement for Kadamakudy village

| SN | Survey number | Name of land owner | L and Area Affected | Utilities/ items | Rehabilitation |
|----|-----------------------|---|---------------------|---|-------------------|
| 1 | 41/8-8 41/4-4 | Baby K J (Elishwa Kaithakkachalil) | 10 cent | House, well, pump house, store house | RFCTLARR ACT 2013 |
| 2 | 41/3-3 | Rosy Kochappu | 13 cent | House, well | RFCTLARR ACT 2013 |
| 3 | 42/6-14 | Rameshan Aravassery | 4.7 cent | House, well, land | RFCTLARR ACT 2013 |
| 4 | 3/4-18, 3/5-19 | Kochu varkey Thottungal | 1.5 cent | House and land | RFCTLARR ACT 2013 |
| 5 | 42/6-13 | Vinoj Pandaraparambil | Don't Know | House and land | RFCTLARR ACT 2013 |
| 6 | 41/4-22 | Joshi Antony | 7.5 cent | House and land | RFCTLARR ACT 2013 |
| 7 | 41/14-30, 41/17-32 | Ponnan Keezhath | 2.5 cent | House and land | RFCTLARR ACT 2013 |
| 8 | 42/4-12 | Ravi Nedumpallichalil | Don't Know | House and land | RFCTLARR ACT 2013 |
| 9 | 41/5-27 | Tambi Velayudhan (Thankamma Unikoranparambil) | Don't Know | House and land | RFCTLARR ACT 2013 |
| 10 | 42/3-11 | Sushama Manoharan | Don't Know | House and land, Coconut -4 Mango Tree-2 Cotton Tree-2 Jack tree-1, Goosberry tree-1, Elanji-1 Arecanut tree-10, Puli-1 | RFCTLARR ACT 2013 |

CHAPTER - 2

DETAILED PROJECT DESCRIPTION

PREFACE

This chapter gives the details of land acquisition for the project for Valiya Kadamakudy – Chathanad Bridge and its approaches, the details including the aim and rationale of the Project. Goshree Islands Development Authority (GIDA) was constituted for the integrated Development of the Islands of Kochi, as per GO (Ms) 114/94/LAD dt. 18.5.1994. The Authority was constituted as per the provisions of the Town Planning Act. The jurisdictional area of the Authority covers part of Kochi Corporation and 8 Grama Panchayats namely Elamkunnappuzha, Edavanakkad, Njarakkal, Nayarambalam, Kuzhuppilly, Pallipuram, Kadamakkudy and Mulavukad having a total area of 100 km. sq. As part of the development of Islands, GIDA constructed Goshree Bridges. Government vide GO (MS) 234/2001 dated. 22.8.2001 has given permission to GIDA to sell 25 hectares of reclaimed land for mobilizing fund for the project. The people living in the islands depend on the main land for all the basic requirements like their medical needs educational facilities etc. The road is expected to provide the required connectivity to the islands. Thus the proposed project shall be considered as a public purpose as per section 2(1)b(i) of RFCTLARR Act, 2013 (30 of 2013).

2.1 BACKGROUND AND RATIONALE OF THE PROJECT

The Valiya Kadamakudy – Chathanad Bridge and its approaches are part of a cluster of three bridges being built to link Chathanad, Part of Ezhikkara in North Paravoor, and Kochi side on Container Road. The construction of the Rs. 52 – crore Vliya Kadamakkudy – Ezhikkara Bridge is almost complete except landing in Chathanad and some portion of the bridge and landing in Kadamakudy. These bridges, once completed, will offer these areas a better connectivity to North Paravur and the Container Terminal Road.

2.2 PROJECT SIZE & LOCATION

The proposed project for the Bridge and its approaches affect an area belongs to Kadamakudy village in Kanayannoor Taluk and Chathanad in Ezikkara village of Paravur Taluk, Ernakulam District. Land to be taken over is 2.848 hectare (208.48 Ares).

2.3 EXAMINATION OF ALTERNATIVES

The construction of Valiya Kadamakudy - Chathanad Bridge has completed except its landing in Chathanad and some portion of the bridge and its landing in Kadamakudy. The proposed project envisages only the construction of the remaining portion of bridge and its landing in both the sides with the approaches. Hence the consideration of alternatives at this stage is not relevant here.

2.4 THE PROJECT'S CONSTRUCTION PROGRESS

The SIA is done for the Valiya Kadamakudy – Chathanad Bridge which is almost completed except the landing in Chathanad side and some portion of the bridge with its landing and its approaches. The land required for the project is yet to be acquired.

2.5 WORK FORCE REQUIREMENT

Trained and fresh manpower and machinery are the prerequisites. As the major work of the project is bridge construction which is almost completed especially in the deep water area, the remaining work, as they start, local people who are needy and affected can be also included.

2.6 DETAILS OF ENVIRONMENT IMPACT ASSESSMENT

The construction being within the coastal zone, a detailed study of the coastal eco system and morphology was necessitated and GIDA entrusted the above task with Centre for Earth Science Studies (CESS), Thiruvananthapuram. Accordingly, CESS conducted a detailed study and prepared a CRZ (Coastal Regulation Zone) status report. The Detailed Topographical survey of the alignment, Preparation of the General Alignment Drawing, Structural Design, Design Calculation, Estimate of the Project etc.

are also duly done. The Housing Board has examined the various alternatives and feasibility of the project.

2.7 APPLICABLE RULES AND STATUTES

- 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.

CHAPTER- 3

TEAM COMPOSITION, STUDY APPROACH AND METHODOLOGY

3.1 BACKGROUND

As per the Kerala Gazette Notification G.O. (P) No.38/2018/RD By order of the Governor, Sri. K Biju IAS, Additional Secretary has entrusted Youth Social Service Organization, Social Service Centre, M.A. College P.O, Kothamangalam as the SIA unit to conduct the Social Impact Assessment of Land Acquisition for the Valiya Kadamakudy – Chathanad Bridge and its approaches Project.

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 has 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 of Valiya Kadamakudy – Chathanad Bridge and its approaches project to assess the adverse impacts it may bring in.

3.2 INFORMATION ABOUT THE STUDY GROUP

The study conducting Social Impact Team is headed by the Executive Director of Youth Social Service Organization. A team of Five members having experience in conducting Social Impact Assessment studies and socio economic surveys were carried out for data collection, monitoring of data processing, co-ordination and report preparation. Representatives from the Revenue Department, Special Thahasildar Office, and GIDA Office supported the investigators to identify the affected families.

SIA TEAM MEMBERS

| Sl No. | Name | Qualification & Designation | Experience |
|--------|---------------------|---|---|
| 1 | SEBASTIAN K.V. | MSW, M.PHIL TEAM LEADER- SIA UNIT | 25 YEARS EXPERIENCE IN DEVELOPMENT SECTOR WITH YSSO |
| 2 | KURIAKOSE GEORGE | LLB PROJECT CO- ORDINATOR- SIA UNIT | 15 YEARS EXPERIENCE IN DEVELOPMENT SECTOR |
| 3 | BAIJU P.T. | MSW, RESEARCH ASSOCIATE-SIA UNIT | 10 YEARS EXPERIENCE IN DEVELOPMENT SECTOR |
| 4 | P.C. JOSE | MSW, RESEARCH ASSOCIATE-SIA UNIT | 10 YEARS EXPERIENCE IN DEVELOPMENT SECTOR |
| 5 | SHOLI | MSW, RESEARCH ASSOCIATE-SIA UNIT | 5 YEARS EXPERIENCE IN DEVELOPMENT SECTOR |

3.3 SIA AND SIMP PREPARATION PROCESS

The Special Tahasildar, staff members and GIDA office and with the help of alignment sketch the study team could identify the affected area. Before starting the detailed SIA study, the field visits and pilot study of the socio-economic survey was conducted where the affected people were administered the interview schedule and their feed backs were collected. The information was verified with the help of proper documents. Through the secondary sources of data an understanding was created about the physical, social, economic and cultural set up of the project area. Many pre-coded questions were included in the questionnaire. Before filling the questionnaires, the study team made sure that the people are from the affected area by asking them to produce the proof of their ownership on property and government identity proof like Aadhar card/ Election identity card etc.

Survey forms duly filled in were scrutinised and entered in to a database. The information updated and the report was 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). Figure 3:1 presents approach and methodology of SIA study in the form of flow chart. Also various steps involves in the study have been described in detail

FIGURE 3.3 APPROACHES AND METHODOLOGY FOR SIA

3.4 SAMPLING METHODOLOGY USED

Secondary source of data was collected from previous studies and related departments. Awareness was created about the physical, social, economic, and cultural set up of the project area before undertaking detailed field investigations. All the affected/their representatives were physically met and the required information gathered.

3.5 SITE VISITS AND INFORMATION DISSEMINATION

From 2/09/2018 onwards the SIA team visited the site to verify the alignment drawings and to identify the affected area. After identifying the affected areas, the SIA unit consulted different stakeholders at the project area. The survey team collected the data in the month of September– October 2018

A FEW STILLS FROM THE DATA COLLECTION



Ezhikkara Panchayath President & Member

Bridge landing in the Chathanad side



The jangaar operation end



Bridge from the Valiya Kadamakudy



The temple affected in the acquisition



Livelihood affected of a lady

Table 3.1 contains the impact on the parties who are to be compensated for giving up land for the project.

| Table No.3.1 Inventory: Chathanad in Ezhikkara village. | | | | | |
|--|----------------------|---------------------------|----------------------|--|--|
| SN | Survey number | Name of land owner | Area Affected | Utilities/ items | Demands |
| 1 | 14/18-7 | Vincent Seeveli | Don't Know | land with coconut 2 trees | RFCTLARR Act 2013 |
| 2 | 14/18-1-9 | Mini Ambros | Don't Know | House and land | RFCTLARR Act 2013 |
| 3 | 14/18-2-11 | Jose Vincent | 5 cent | Frontage of the house | Road to the house |
| 4 | 111/15-13 | Kairali K S | 1.5 cent | land and road | RFCTLARR Act 2013 |
| 5 | 111/15-14 | Ambika M K | 5.5 cent | Pettyshop, land with 5 coconut tree, 3 Jack tree, Arecunut-5, Anjili -4 mango tree1, Arana tree-1, other trees-4 | Single and no other way for livelihood alternative for petty shop. |

| | | | | | |
|----|--------------|-------------------------------|------------|--|---|
| 6 | 14/17 A-A3 | Secretary | 2 cent | Temple | replacement with all required rituals |
| 7 | 14/3-A-A12 | Mani K K | 10 cent | House, Toilet, compound wall, adjacent tea shop of livelihood, Puli-1, anjili-2, Coconut-2, arcunut-1, cotton-1 | Alternate land for tea shop. RFCTLARR Act 2013 |
| 8 | 14/3- A-A8 | Sasindran Kadavilparambil | 1+ cent | land, coconut-1, mahagani-2, jact tree-1, arecunut-6 septic tank-1 | RFCTLARR Act 2013 |
| 9 | 111/17-9 | Pankajakshan Kottaparambil | 7.5 cent | House, petty shop, land, coconut tree-4, arecunut-6, jack tree-2, mangotree-2, pili-1, well. | RFCTLARR Act 2013 |
| 10 | 14/5-A2 | Disni Priyanath | Don't Know | House, land, wall, pathimukam-1, Aranamaram-1, cononut-1, jack tree-2, mango tree-3, arecunut-9, Elanji-1 teak-1, Anjili-3, Puli-3, Well, septic tank. | RFCTLARR Act 2013 |
| 11 | 14/17 – B-B3 | Sabeth vazhakkoottil | 3 cent | House, toilet, land with coconut-2, arecunut-2, water connection | RFCTLARR Act 2013 |

| | | | | | |
|----|-----------------|----------------------|------------|--|--|
| 12 | 111/16 pt. 6 | Alice Bijumon | 8 cent | Compound wall and land, teack-2, Kudampuli-1, anjili-1, Mahagani-3, Mango tree-3, coconut -3, arecunut- 15. | RFCTLARR Act 2013 |
| 13 | 14/17-A-A7 | Sherly Maruthonthara | 3+ cent | Land, shop & livelihood. | RFCTLARR Act 2013 |
| 14 | 14/23-4 | Gopalakrishnan | Don't Know | land, compound wall, pond, jack tree-2,anjili-1, coconut-3, karuva-1, arecunut-7, mango-tree-1, waste pit, manjadi-1 | if the length is reduced a little the natural pond can be excluded |
| 15 | 14/3B-B2 | Peshala Shanmukhan | Don't Know | land, gate, compound wall | as early as possible, willing to sell the remaining for other evictees |
| 16 | 14/17 A-A9 | K D Joseph | 4+ cent | land with coconut-4, Jack-1, cashew tree-1, Aranatree-1, arecunut-8 | RFCTLARR Act 2013 |
| 17 | 111/15-10 | Boban Vincent | 5 cent | House and land, | RFCTLARR Act 2013 |
| 18 | 111/ 15 – 8 | Daisi Joy | 4 cent | House and land, | RFCTLARR Act 2013 |

| | | | | | |
|----|-----------------|---|---------------|---|---------------------------|
| 19 | 111/16 pt. 5 | Chakkunni & sons | 8 cent | House and land, | RFCTLARR Act 2013 |
| 20 | 14/3 A- A3 | Johny MC | 6 cent | Land and shop building, livelihood of handicapped brother. | livelihood for brother |
| 21 | 111/15-9 | Santhosh K V | 5 cent | House and land, coconut-2, arecunut- 5, elanji-1, jactree-1. | RFCTLARR Act 2013 |
| 22 | 111/15- 12 | Sahadevan Mukkathu | 4 cent | Frontage of the house | RFCTLARR Act 2013 |
| 23 | 111/17-6 | A Chandran & Radha | 10 cent | Land | RFCTLARR Act 2013 |
| 24 | 14/4-B2 | N G Radhakrishnan | Don't Know | Land | RFCTLARR Act 2013 |
| 25 | 14/18 | Panchayath well | Don't Know | Panchayath well | RFCTLARR Act 2013 |
| 26 | 14/18 | Krishnankutty, MV Sahadevan & others | Don't Know | Path | RFCTLARR Act 2013 |
| 27 | 14/2-A | Vilasini, K C Raveendran etc. | Don't Know | Path | RFCTLARR Act 2013 |
| 28 | 14/5 | KG Sadanandan, M T Anilkumar & others | Don't Know | Path | RFCTLARR Act 2013 |

| | | | | | |
|----|---------|----------------------------------|---------------|------|----------------------|
| 29 | 14/18 | Venugopal, Joseph Ravi tec | Don't Know | Path | RFCTLARR Act 2013 |
| 30 | 14/4-B2 | Fish land center , Panchayath | Don't Know | Path | RFCTLARR Act 2013 |

Inventory of Kadamakudy Village of Kanayannoor Taluk.

| | | | | | |
|----|-------------------|--------------------------------|---------------|---|---|
| 1 | 41/8-8 | Baby K. J | 10 cent | house, well, pump house, store house | RFCTLARR Act 2013 |
| 2 | 3/11-22 | Jaison Kolanchery veetil | 0.5 cent | Land, Arecanut -1 | RFCTLARR Act 2013 |
| 3 | 41/3-3 | Rosy Kochappu | 13 cent | House, well, shop and livelihood | RFCTLARR Act 2013 |
| 4 | 42/6-14 | Rameshan Aravassery | 4.7 cent | House, well, land | RFCTLARR Act 2013 |
| 5 | 3/4-18, 3/5-19 | Varkey Thottungal | 1.5 cent | House and land | RFCTLARR Act 2013 |
| 6 | 3/06-20 | Pathros Thottungal | Don't Know | shop & land, wall, gate | RFCTLARR Act 2013 |
| 7 | 42/7-15 | PP Dassan & Vinod | 1.75 cent | land, toilet, bathroom | privacy lost, look for a resettlement |
| 8 | 42/6-13 | Vinoj Pandaraparambil | Don't Know | house and land | RFCTLARR Act 2013 |
| 9 | 42/6-13 | P K Vijayan Pandaraparambil | 4+ cent | Land | RFCTLARR Act 2013 |
| 10 | 3/10-21 | Mary Antony Kolenchery | Don't Know | Land, Coconut tree and Jack tree | Threat to the old house, piling work may affect the house |

| | | | | | |
|----|-----------------------|---------------------------------|---------------|---|--|
| 11 | 41/9-29, 42/2-10 | Francis Thotttungal | 17 cent | Bath room, well, toilet, wall and gate, alignment touching the house, coconut-9, goosbery tree, jack tree-3, | take over the remaining land |
| 12 | 41/4-22 | Joshy Antony | 7.5 cent | land and house | New house, price should not be generalised. |
| 13 | 4/13-27 | Mother Gracia Nazrth Sisters | Don't Know | land, gate, wall | RFCTLARR Act 2013 |
| 14 | 4/05-25 | Job Manavalan | 22 cent | land, wall, gate, jack tree-2, anjili-1, coconut-13, ambazham-1, arecunut-3, mango-tree-6, anjili-1, athi-1, amruth-1, bamboo-1, supporta-1, goa-1 | RFCTLARR Act 2013 |
| 15 | 4/14-28 | E O Paulos | 1.25 cent | shop and land | Take over the remaining land, livelihood lost and compensate. |
| 16 | 1/14 | Public Tap | | | RFCTLARR Act 2013 |
| 17 | 8/2-15 | Agustine & Reetha | 3+ cent | land and wall | RFCTLARR Act 2013 |
| 18 | 41/14-30, 41/17-32 | Ponnan Keezhath | 2.5 cent | land and house | take over the remaining land |

| | | | | | |
|----|----------|-----------------------------|---------------|--|---|
| 19 | 42/4-12 | Ravi Nedumpallichalil | Don't Know | land and house | RFCTLARR Act 2013 |
| 20 | 41/5-27 | Tambi Velayudhan | Don't Know | land and house | RFCTLARR Act 2013 |
| 21 | 41/15-15 | Elssy Varghese Manavalan | 3.5 cents | Land | RFCTLARR Act 2013 |
| 22 | 40/4-11 | Benny & Alex | 2 cent | Compound wall and land, , coconut -3, arecunut- 15. | execute the project as per the original plan and sketch |
| 23 | 42/3-11 | Sushama Manoharan | Don't Know | House land, Coconut -4 Mango Tree-2 Cotton Tree-2 Jack tree-1, Goosberry tree-1, Elanji-1 Arecanut tree-10, Puli-1 | RFCTLARR Act 2013 |

3.6 SUMMARY OF PUBLIC HEARING

In connection with the land acquisition for the Valiya Kadamkudy - Chathanad Bridge and its approaches, the sites belonging to Kadamakudy Village of Kanayannoor Taluk in one end and Chathanad of Ezhikkara Village in Pravor Taluk on the other end, a public hearing of the land/property owners and other stakeholders before the authorities as per the RFCTLARR act is being conducted. Hence the project is coming under 2 villages and as per the Act the Public hearings were conducted in two sessions. The first session was conducted in Kadamakudy village for Kanayannoor Taluk on 19 December 2018 at 10 am in the Kudumbi Seva Sangam Hall chaired by the Panchayath President Smt. Salini Babu and the second one for the Chathanad area was conducted at

Ezhikkara Panchayath Conference hall at 2.30.pm on 20 December 2018 chaired by the Ezhikkara Panchayath President Smt. P A Chandrika both the sessions were video recorded and all the proceedings were documented.

Gists of the Discussions were:

- ❖ Fair compensation
- ❖ Rehabilitation & Resettlement of the house- losers with basic amenities & packages.
- ❖ Take – over of remaining small portion of the land too, if rendered unusable
- ❖ Employment/self employment support compensation package for those who lose source of income or

Public hearing: Kadamakudy Village of Kanayannoor Taluk.

Participants:

1. Molly Chirayath Special Tahasildar (LA)
2. Salini Babu Kadamakudy Panchayath President
3. Ramachandran A Project Director, GIDA
4. Dessy Jijo Ward Member
5. Indira Rani Ward Member
6. M L Margret LA Liaison Officer GIDA
7. A O Jose APE, KSCC
8. K L Thomachan Revenue Inspector LA
9. Prithi R Clerk (LA)
10. Leela Jose Ward Member
11. Shaji M S Surveyor (LA)

| Affected Member Participated and their issues and response of the Concerned Authority | | | | |
|---|----------------|-------------------------|--|--|
| SN | Survey No. | Property owners | Issues | Response of the Authority |
| 1 | 41/8-8 | Baby K. J | 10 cent land, house, well, pump house, store house. Maximum compensation at the earliest. | Land will be given. |
| 2 | 3/11-22 | Jaison Kolancheryveetil | 0.5 cent Land. | RFCTLARR Act 2013 |
| 3 | 41/3-3 | Rosy Kochappu | 13 cent House, well, shop and livelihood. Give land for resettlement. Provide all resettlement packages | RFCTLARR Act 2013 |
| 4 | 42/6-14 | Rameshan Aravassery | 4.7 cent House, well, land Give land for resettlement. Provide all resettlement packages | Give an application to the LA Office. It will be considered |
| 5 | 3/4-18, 3/5-19 | Varkey Thottungal | 1.5 cent land, House coconut trees and mango trees. Remaining land cannot be used. Take that also. Give land for resettlement. Provide all resettlement packages | Give an application to the LA Office. It will be considered |
| 6 | 3/06-20 | Pathros Thottungal | Shop & land, wall, gate. Livelihood is lost. Give exemption from Panchayath rules to make a new small shop in remaining land close the house. | Give an application. Since the Coastal rules for construction permit exist, it may be difficult for commercial purposes. |
| 7 | 42/7-15 | PP Dassan & Vinod | 1.75 cent, land, toilet, bathroom, privacy lost, construction work may affect the remaining existing old house. Look for a resettlement. | Give an application to the LA Office. It will be considered. |

| | | | | |
|----|------------------|------------------------------|--|--|
| 8 | 42/6-13 | Vinoj Pandaraparambil | House and land. Give land for resettlement. Provide all resettlement packages | Land will be given and all the packages will be given. |
| 9 | 42/6-13 | P K Vijayan Pandaraparambil | 4+ cent Land, Maximum compensation as soon as possible. | RFCTLARR Act 2013 |
| 10 | 3/10-21 | Mary Antony Kolenchery | Land, threat to the old house, piling work may affect the house which is very old and I am a widow. Kindly consider. | Give an application for the same to the LA Office. It can be considered. |
| 11 | 41/9-29, 42/2-10 | Francis Thottungal | 17 cent land, Bath room, well, toilet, wall and gate, alignment touching the house, coconut-9, goosbery tree, jack tree-3, take over the remaining land or give some gap between the house and road boundary. Privacy will be lost. | Will consider if given an application to the LA office. |
| 12 | 41/4-22 | Joshy Antony | 7.5 cent land and house give land for new house and give maximum compensation to build a new house or avoid taking the land. New house, price should not be generalised. | Give a application to the LA office. |
| 13 | 4/13-27 | Mother Gracia Nazrth Sisters | land, gate, wall | RFCTLARR Act 2013 |
| 14 | 4/05-25 | Job Manavalan | 22 cent land, wall, gate, jack tree-2, anjili-1, coconut-13, ambazham-1, arecunut-3, mango-tree-6, anjili-1, athi-1, amruth-1, bamboo-1, supporta-1, goa-1. Expect maximum Compensation. Other land which is identified for resettlement will not be | Give a requisition regarding the same in the LA office. |

| | | | | |
|----|-----------------------|--------------------------|---|--|
| | | | given. Their entire family property and the Tharavadu house will be made there. | |
| 15 | 4/14-28 | E O Paulos | 1.25 cent land with shop-livelihood. Remaining land is not usable. Give other land for shop. | Give a application to the LA office. Land will be given in the nearby area itself. |
| 16 | 1/14 | Public Tap | | RFCTLARR Act 2013 |
| 17 | 8/2-15 | Agustine& Reetha | 3+ cent land and wall | RFCTLARR Act 2013 |
| 18 | 41/14-30, 41/17-32 | Ponnan Keezhath | 2.5 cent land. walked out saying he will not give his property if remaining land is not taken | Give an application to in the LA office |
| 19 | 42/4-12 | Ravi Nedumpallichalil | land and house, want maximum compensation and wanted to how is the compensation, want land for resettlement | Will be provided land and other packages |
| 20 | 41/5-27 | Tambi Velayudhan | Land and house. Willing to give land expect maximum compensation, want land for resettlement | Will be provided land and other packages |
| 21 | 41/15-15 | Elssy Varghese Manavalan | 3.5 cents Land | RFCTLARR Act 2013 |
| 23 | 42/3-11 | Sushama Manoharan | House, land, 16 arecunut trees, 4 coconut trees, 1mango tree other trees. want land for resettlement | Will be provided land and other packages |

Public hearing : Chathanad, Ezhikkara Village of Paravoor Taluk.

Participants/stake holders:

1. Molly Chirayath Special Tahasildar (LA)
2. P A Chandrika, Ezhikkara Panchayath President
3. Rajive K.R., GIDA
4. Jose A O, APE
5. Smt. Saritha S. Village Officer,
6. Deleela Peter Ward Member
7. M L Margret LA Liaison Officer GIDA
8. Prithi R Clerk (LA)
9. Mr. Joseph T D P A to MLA

| Chathanad in Ezhikkara village | | | | |
|--|----------------------|---------------------------|---|--|
| Affected Member Participated and their issues and response of the Concerned Authority | | | | |
| SN | Survey number | Name of land owner | Issues | Response of the Authority |
| 1 | 14/18-7 | Vincent Seeveli | land with coconut 2 trees | RFCTLARR Act 2013 |
| 2 | 14/18-1-9 | Mini Ambros | House and land. Want land and resettlement packages | LA Tahasildar: First compensation, then consultation and resettlement |
| 3 | 14/18-2-11 | Jose Vincent | 5 cent Frontage of the house Road to the house | RFCTLARR Act 2013 |

| | | | | |
|---|------------|----------------------------|---|--|
| 4 | 111/15-13 | Kairali K S | 1.5 cent land and road | RFCTLARR Act 2013 |
| 5 | 111/15-14 | Ambika M K | 5.5 cent Petty shop, land with 5 coconut tree, 3 Jack tree, Arcunut-5, Anjili -4 mango tree1, Arana tree-1, other trees-4. Single and no other way for livelihood alternative for petty shop. | Compensation and livelihood packages for shifting the Petty shop will be given |
| 6 | 14/17 A-A3 | Secretary | 2 cent Temple. Replacement with all required rituals | |
| 7 | 14/3-A-A12 | Mani K K | 10 cent land, House, Toilet, compound wall, adjacent tea shop of livelihood, Puli-1, anjili-2, Coconut- Alternate land for tea shop. 2,arcunut-1, cotton-1 | RFCTLARR Act 2013. Compensation and livelihood packages will be given |
| 8 | 14/3- A-A8 | Sasindran Kadavilparambil | 1+ cent land, coconut-1, mahagani-2, jack tree-1, arcunut-6, septic tank-1 | RFCTLARR Act 2013 |
| 9 | 111/17-9 | Pankajakshan Kottaparambil | 7.5 cent House, petty shop, land, coconut tree-4, arcunut-6, jack tree-2, mangotree-2, pili-1, well. | RFCTLARR Act 2013. Compensation and livelihood packages will be given |

| | | | | |
|----|-----------------|---------------------------|--|--|
| 10 | 14/5-A2 | Disni Priyanath | House, land, wall, pathimukam-1, Aranamaram- 1, cononut-1, jack tree-2, mango tree-3, arecunut-9, Elanji-1 teak-1, Anjili-3, Puli- 3, Well, septic tank. | RFCTLARR Act 2013. |
| 11 | 14/17 – B-B3 | Sabeth vazhakkootathil | 3 cent land, House, toilet, land with coconut-2, arecunut-2, water connection | RFCTLARR Act 2013 |
| 12 | 111/16 pt. 6 | Alice Bijumon | 8 cent land, Compound wall, teack-2, Kudampuli-1, anjili-1, Mahagani-3, Mango tree-3, coconut -3, arecunut- 15. | RFCTLARR Act 2013 |
| 13 | 14/17-A- A7 | Sherly Maruthonthara | 3+ cent Land, shop & livelihood. | RFCTLARR Act 2013 |
| 14 | 14/23-4 | Gopalakrishnan | Land, compound wall, pond, jack tree-2, anjili-1, coconut-3, karuva-1, arecunut-7, mango- tree-1, waste pit, manjadi-1, if the length is reduced a little the natural pond can be excluded being the very end of the approach road. | RFCTLARR Act 2013. Give a requisition. After survey it can be decided. |
| 15 | 14/3B-B2 | Peshala Shanmukhan | Land, gate, compound wall. Take over as early as possible, willing to sell the remaining for other evictees. Exact area of acquisition is not known. | RFCTLARR Act 2013, Land survey is not under the purview of SIA. It will be done later. |

| | | | | |
|----|--------------|--------------------|--|-------------------|
| 16 | 14/17 A-A9 | K D Joseph | 4+ cent land with coconut-4, Jack-1, cashew tree-1, Aranatree-1, arecunut-8 | RFCTLARR Act 2013 |
| 17 | 111/15-10 | Boban Vincent | 5 cent land House. Want land for resettlement and packages | RFCTLARR Act 2013 |
| 18 | 111/ 15 – 8 | Daisi Joy | 4 cent land House. Want land for resettlement and packages | RFCTLARR Act 2013 |
| 19 | 111/16 pt. 5 | Chakkunni & Sons | 8 cent land House. Want land for resettlement and packages | RFCTLARR Act 2013 |
| 20 | 14/3 A-A3 | Johny MC | 6 cent Land and shop building, livelihood of handicapped brother. special consideration | RFCTLARR Act 2013 |
| 21 | 111/15-9 | Santhosh K V | 5 cent land & House. Coconut-2, arecunut-5, elanji-1, jactree-1. Want land for resettlement and packages | RFCTLARR Act 2013 |
| 22 | 111/15-12 | Sahadevan Mukkathu | 4 cent land, Frontage of the house | RFCTLARR Act 2013 |
| 23 | 111/17-6 | A Chandran & Radha | 10 cent Land | RFCTLARR Act 2013 |
| 24 | 14/4-B2 | N G Radhakrishnan | Land | RFCTLARR Act 2013 |
| 25 | 14/18 | Panchayath well | Panchayath well | RFCTLARR Act 2013 |

| | | | | |
|----|---------|---|------|-------------------|
| 26 | 14/18 | Krishnankutty, MV Sahadevan & others | Path | RFCTLARR Act 2013 |
| 27 | 14/2-A | Vilasini, K C Raveendran etc. | Path | RFCTLARR Act 2013 |
| 28 | 14/5 | KG Sadanandan, M T Anilkumar & others | Path | RFCTLARR Act 2013 |
| 29 | 14/18 | Venugopal, Joseph Ravi etc. | Path | RFCTLARR Act 2013 |
| 30 | 14/4-B2 | Fish land center , Panchayath | Path | RFCTLARR Act 2013 |

The Panchayath president in here presidential address stated that the SIA study is being conducted with any omission and covering all the aspects and concern of the affected. President also urged the authorities to speed up the process of acquisition and help the affected to get maximum compensation at the earliest.

In common it was expected that the District Collector will take special/extraordinary action for exempting the affected people in the following situations.

1. Reduce/ exempt the stamp paper cost for buying the new land for the evictees for their resettlement.
2. Give exemption order to the local self government bodies while the affected apply for building permit for their houses or building that is damaged due to acquisition. (distance from the road etc.)

3. The area being the coastal land district collector may also give coastal region (CRZ)exemption certificate for any construction against the acquired or demolished structures considering the special situation

Everybody except one who attained was ready to give land. Shri Ponnann from Kadamakudy village walked out of the meeting shouting some unclear demands, though during the data collection he requested to take over the remaining land as it is unable to reuse. All agreed that there is no other alternate alignment to complete this project. Every one unanimously agrees that this project is for a public utility. The sites identified by GIDA for resettlement, the land owners stated that it done not with their knowledge and consent and they never want to give up their property and people were saying that there are other landholders who are willing to give up the land. (Peshala Shanmughan, etc.)

Public Hearing Photos Kadamakudy



Public Hearing Photos Ezhikkara



CHAPTER - 4

VALUATION OF LAND

4.1 BACKGROUND

The S.I.A. unit conducted the socio-economic survey at the project site during September - October 2018 on the families and individuals affected by the project. It was learned through this survey to the extent the proposed project would impact on the residence, properties, income, livelihood etc. of each family. A pre-coded questionnaire was used for the purpose. The major goal of the survey was to assess the socio-economic structure, type of the property, right to the assets, the likely impacts and its depth, details of properties etc. of the affected families. The findings of the survey and the gravity of the problems are given hereunder.

4.2 ENTIRE AREA OF IMPACT UNDER THE INFLUENCE OF THE PROJECT

| SN | Survey number | Name of land owner | L and Area Affected | Utilities/ items |
|-----------|----------------------|---------------------------|----------------------------|--|
| 1 | 14/18-7 | Vincent Seeveli | Don't Know | land with coconut 2 trees |
| 2 | 14/18-1-9 | Mini Ambros | Don't Know | House and land |
| 3 | 14/18-2-11 | Jose Vincent | 5 cent | Frontage of the house |
| 4 | 111/15-13 | Kairali K S | 1.5 cent | land and road |
| 5 | 111/15-14 | Ambika M K | 5.5 cent | land with 5coconut tree, 3 Jack tree, Arecunut-5, anjili -4 mango tree1, Aruns-1, other trees-4 and Petty shop |
| 6 | 14/17 A-A3 | Secretary | 2 cent | Temple |

| | | | | |
|----|-------------|----------------------------|------------|---|
| 7 | 14/3-A-A12 | Mani K K | 10 cent | House, toilet, compound wall, adjacent tea shop of livelihood, Puli-1,anjili-2,Coconut-2, arcunut-1, cotton-1 |
| 8 | 14/3- A-A8 | Sasindran Kadavilparambil | 1+ cent | land,coconut-1, mahagani-2,jact tree-1, arecunut-6 septic tank-1 |
| 9 | 111/17-9 | Pankajakshan Kottaparambil | 7.5 cent | House, petty shop, land, coconut tree-4, arecunut-6, jack tree-2, mangotree-2, pili-1, well. |
| 10 | 14/5-A2 | Disni Priyanath | Don't Know | house, land, wall, pathimukam-1,Aranamaram-1,cononut-1, jack tree-2, mango tree-3, arecunut-9,Elanji-1 teak-1, Anjili-3,Puli-3,Well |
| 11 | 14/17 –B-B3 | Sabeth vazhakkoottil | 3 cent | House ,toilet, land with coconut-2, arecunut-2, |
| 12 | 111/16 pt.6 | Alice Bijumon | 8 cent | Compound wall and land, teack-2, Kudampuli-1, anjili-1, Mahagani-3, Mango tree-3, coconut -3, arecunut- 15. |
| 13 | 14/17-A-A7 | Sherly Maruthonthara | 3+ cent | shop &land, |
| 14 | 14/23-4 | Gopalakrishnan | Don't Know | land, wall, pond, jack tree-2,anjili-1,coconut-3,karuva-1, arecunut-7,mango-tree-1, waste pit, manjadi-1 |
| 15 | 14/3B-B2 | Peshala Shanmukhan | Don't Know | land, gate, wall |
| 16 | 14/17 A-A9 | K D Joseph | 4+ cent | land with coconut-4,Jack-1, cashew tree-1, Aranatree-1, arecunut-8 |

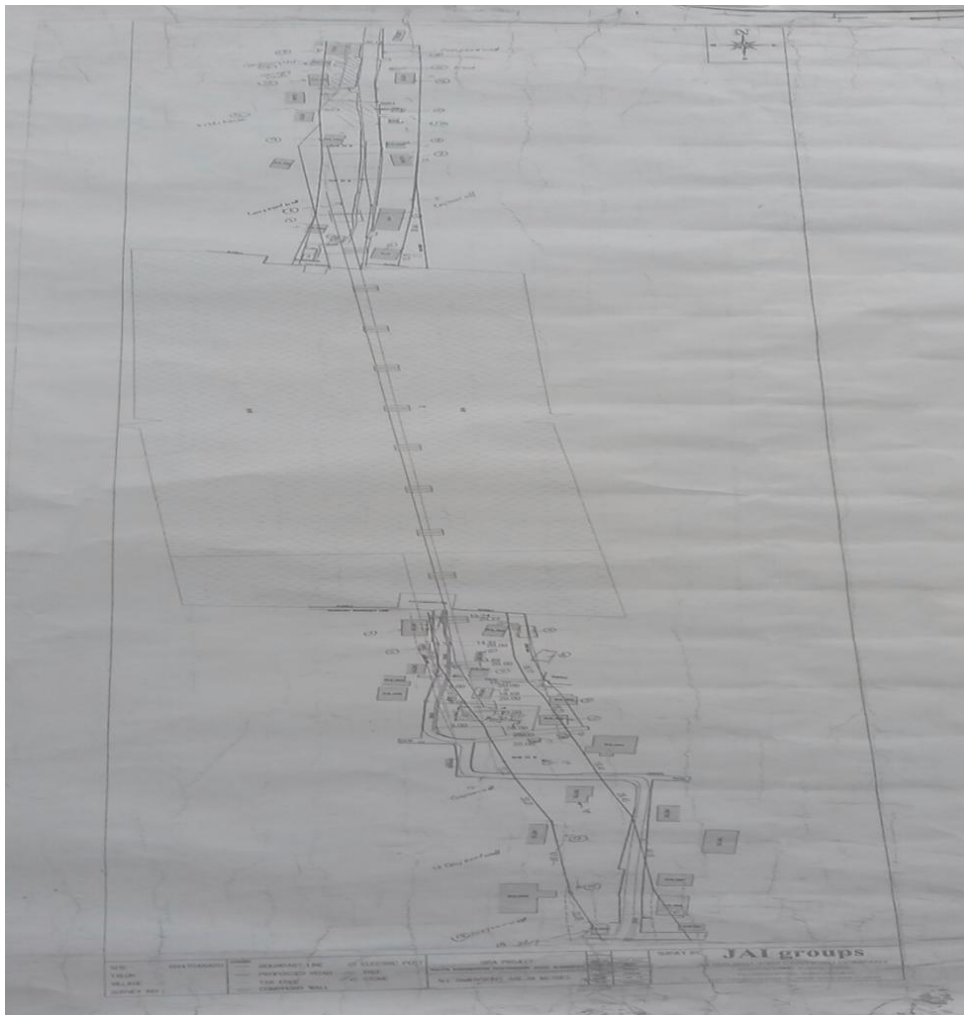
| | | | | |
|----|-------------|---|------------|---|
| 17 | 111/15- 10 | Boban Vincent | 5 cent | House and land, |
| 18 | 111/ 15 – 8 | Daisi Joy | 4 cent | House and land, |
| 19 | 111/16 pt.5 | Chakkunni & Sons | 8 cent | House and land, |
| 20 | 14/3 A-A3 | Johny MC | 6 cent | Land with shop building , livelihood of handicapped person. |
| 21 | 111/15-9 | Santhosh K V | 5 cent | House and land, coconut-2, arecunut-5, elanji-1, jacktree-1. |
| 22 | 111/15-12 | Sahadevan Mukkathu | 4 cent | Frontage of the house |
| 23 | 111/17-6 | A Chandran & Radha | 10 cent | Land |
| 24 | 14/4-B2 | N G Radhakrishnan | Don't Know | Land |
| 25 | 14/18 | Panchayath well | Don't Know | Panchayath well |
| 26 | 14/18 | Krishnankutty, MV Sahadevan & others | Don't Know | Path |
| 27 | 14/2-A | Vilasini K C Raveendran etc. | Don't Know | Path |
| 28 | 14/5 | KG Sadanandan, M T Anilkumar & others | Don't Know | Path |
| 29 | 14/18 | Venugopal, Joseph Ravi tec | Don't Know | Path |
| 30 | 14/4-B2 | Fish land center, Panchayath | Don't Know | Path |

Table No. 4.2 Inventory, Kadamakudy village

| | | | | |
|----|---------------------|--------------------------------|------------|---|
| 1 | 41/8-8 | Baby K J | 10 cent | house, well, pump house, store house |
| 2 | 3/11-22 | Jaison Kolanchery veetil | 0.5 cent | Land |
| 3 | 41/3-3 | Rosy Kochappu | 13 cent | House, well, shop and livelihood |
| 4 | 42/6-14 | Rameshan Aravassery | 4.7 cent | House, well ,land |
| 5 | 3/4-18, 3/5-19 | Varkey Thottungal | 1.5 cent | House and land |
| 6 | 3/06-20 | Pathros Thottungal | Don't Know | shop & land, compound wall, gate |
| 7 | 42/7-15 | PP Dassan & Vinod | 1.75 cent | land, toilet, bathroom |
| 8 | 42/6-13 | Vinoj Pandaraparambil | Don't Know | house and land |
| 9 | 42/6-13 | P K Vijayan Pandaraparambil | 4+ cent | Land |
| 10 | 3/10-21 | Mary Antony Kolenchery | Don't Know | Land |
| 11 | 41/9-29, 42/2-10 | Francis Thottungal | 17 cent | Bath room, well, toilet, compound wall and gate, Alignment touching the house, coconut-9, Oosbery tree, jack tree-3 |
| 12 | 41/4-22 | Joshy Antony | 7.5 cent | land and house |
| 13 | 4/13-27 | Mother Gracia Nazrth Sisters | Don't Know | land, gate, compound wall |
| 14 | 4/05-25 | Job Manavalan | 22 cent | land, compound wall, gate, jack tree-2,anjili-1,coconut-13, ambazham-1, arecunut-3, mango-tree-6, anjili-1, athi-1, amruth-1, bamboo-1, supporta-1, goa-1 |

| | | | | |
|----|-----------------------|--------------------------|------------|---|
| 15 | 4/14-28 | E O Paulos | 1.25 cent | shop and land |
| 16 | 1/14 | Public Tap | | |
| 17 | 8/2-15 | Agustine & Reetha | 3+ cent | land and wall |
| 18 | 41/14-30, 41/17-32 | Ponnan Keezhath | 2.5 cent | land and house |
| 19 | 42/4-12 | Ravi Nedumpallichalil | Don't Know | land and house |
| 20 | 41/5-27 | Tambi Velayudhan | Don't Know | land and house |
| 21 | 41/15-15 | Elssy Varghese Manavalan | 3.5 cents | Land |
| 22 | 40/4-11 | Benny & Alex | 2 cent | Compound wall and land, coconut -3, arecunut- 15. |
| 23 | 42/3-11 | Sushama Manoharan | Don't Know | House land |

4.3 LAND INVENTORIES (SITE MAP)



4.4 LAND REQUIREMENT FOR THE PROJECT

The proposed project for construction of bridge and its approaches Connecting Kadamakudy village - Chathanadin Ezhikkara village shall require 2.0848 hectares of land in 53 survey numbers from 46 owners for the implementation of the project.

4.5 USE OF PUBLIC LAND

Public properties like Panchayath well, tap and road/path is affected in the project area. There is the Sree Pulliyampully Namboothiri Achan Temple which is a public utility asset.

4.6 USE OF LAND

| Table no. 4.3 affected land/properties | | |
|---|-----------|---------|
| Particulars | Frequency | Percent |
| House | 19 | 35.8 |
| Land | 22 | 41.5 |
| shop/ livelihood | 5 | 9.4 |
| Place of worship | 1 | 1.9 |
| Tap | 2 | 3.8 |
| Panchayath well | 1 | 1.9 |
| common path | 3 | 5.7 |
| Total | 53 | 100.0 |

Table No.4.3 shows the use of land owned by Individuals and place of worship. The proposed acquisition area include land and properties like 19 residential houses, 22 lands, 7 shops/ livelihood and 1 temple, 3 road/passages and Panchayath water tap 2, and Panchayath well -1.

4.7 LAND ALREADY PURCHASED

So far no land is purchased for the project.

4.8 PREVIOUS TRANSACTIONS IN THE AREA

| Table no.4.4 Transaction on land | | | | |
|---|-----------|---------|---------------|--------------------|
| | Frequency | Percent | Valid Percent | Cumulative Percent |
| Nil | 42 | 79.2 | 79.2 | 79.2 |
| Bank loan | 5 | 9.4 | 9.4 | 88.7 |
| NA | 6 | 11.3 | 11.3 | 100.0 |
| Total | 53 | 100.0 | 100.0 | |

As per information given by the respondents no transactions sale had been taken place in the affected area for the last three years. But 5 land / property owners have taken loan pledging the documents of their land. 6 numbers are not applicable

4.9 TYPE OF POSSESSION

| Type | Frequency | Percent | Valid Percent | Cumulative Percent |
|------------|-----------|---------|---------------|--------------------|
| hereditary | 21 | 39.6 | 39.6 | 39.6 |
| purchased | 25 | 47.2 | 47.2 | 86.8 |
| NA | 7 | 13.2 | 13.2 | 100.0 |
| Total | 53 | 100.0 | 100.0 | |

Table No.4.5 shows that out of 53 land owners 21 are possessed the land hereditarily, 25 of them purchased the property, 7 are in the Not Applicable category.

4.10 DATE OF POSSESSION

| Years | Frequency | Percent | Valid Percent | Cumulative Percent |
|-----------|-----------|---------|---------------|--------------------|
| 50-60 | 7 | 13.2 | 13.2 | 13.2 |
| 60-70 | 6 | 11.3 | 11.3 | 24.5 |
| 70-80 | 13 | 24.5 | 24.5 | 49.1 |
| 80-90 | 9 | 17.0 | 17.0 | 66.0 |
| 90-2000 | 8 | 15.1 | 15.1 | 81.1 |
| 2000-2010 | 2 | 3.8 | 3.8 | 84.9 |
| 2010-2018 | 3 | 5.7 | 5.7 | 90.6 |
| NA | 5 | 9.4 | 9.4 | 100.0 |
| Total | 53 | 100.0 | 100.0 | |

The tableNo.4.6 shows the year of possession of the land / property. 7 owners stated that they possessed it between 1950 and 1960. Another 6 owners stated that they possessed their land between1960-1970. 13 owners possessed between1970-1980. 9 owners possessed between1980–1990. 8 owners possessed between1990-2000. 2 between 2000-2010, 3 between 2010-2018 and there are 5 numbers with not applicable.

CHAPTER - 5

ASSESSMENT AND CALCULATIONS

5.1 PREFACE

This Chapter deals with the size of the impact and assessment of the properties lost directly and indirectly for the families due to the implementation of the project.

5.2 THOSE DIRECTLY IMPACTED BY THE PROJECT AND THE INVENTORY OF PRODUCTIVE ASSETS

| SN | Survey number | Name of land owner | L and Area Affected | Utilities/ items |
|----|---------------|--------------------|---------------------|---|
| 1 | 14/18-7 | Vincent Seeveli | Don't Know | land with coconut 2 trees |
| 2 | 14/18-1-9 | Mini Ambros | Don't Know | House and land |
| 3 | 14/18-2-11 | Jose Vincent | 5 cent | Frontage of the house |
| 4 | 111/15-13 | Kairali K S | 1.5 cent | land and road |
| 5 | 111/15-14 | Ambika M K | 5.5 cent | land With 5coconut tree,3 Jack tree, Arcunut-5,anjili -4 mango tree1, Aruns-1, other trees-4 and Petty shop |
| 6 | 14/17 A-A3 | Secretary | 2 cent | Temple |
| 7 | 14/3-A-A12 | Mani K K | 10 cent | House, Toilet, compound wall, adjacent tea shop of livelihood, Puli-1,anjili-2,Coconut-2, arcunut-1, cotton-1 |

| | | | | |
|----|-----------------|-------------------------------|------------|--|
| 8 | 14/3- A-A8 | Sasindran Kadavilparambil | 1+ cent | land,coconut-1, mahagani-2, jact tree-1, arecunut-6 septic tank-1 |
| 9 | 111/17-9 | Pankajakshan Kottaparambil | 7.5 cent | House, petty shop, land, coconut tree-4, arecunut-6, jack tree-2, mangotree-2, pili-1, well. |
| 10 | 14/5-A2 | Disni Priyanath | Don't Know | house, land, wall, pathimukam-1, Aranamaram-1,cononut-1, jack tree-2, mango tree-3, arecunut-9, Elanji-1 teak-1, Anjili-3, Puli-3,Well |
| 11 | 14/17 –B- B3 | Sabeth vazhakkoottathil | 3 cent | House, toilet, land with coconut-2, arecunut-2, |
| 12 | 111/16 pt.6 | Alice Bijumon | 8 cent | Compound wall and land, teack-2, Kudampuli-1, anjili-1, Mahagani-3, Mango tree-3, coconut-3, arecunut-15 |
| 13 | 14/17-A- A7 | Sherly Maruthonthara | 3+ cent | shop & land, |
| 14 | 14/23-4 | Gopalakrishnan | Don't Know | land, compound wall, pond, jack tree-2,anjili-1,coconut-3,karuva-1, arecunut-7,mango-tree-1, waste pit, manjadi-1 |
| 15 | 14/3B-B2 | Peshala Shanmukhan | Don't Know | land, gate, wall |
| 16 | 14/17 A- A9 | K D Joseph | 4+ cent | land with coconut-4, Jack-1, cashew tree-1, Aranatree-1, arecunut-8 |
| 17 | 111/15- 10 | Boban Vincent | 5 cent | House and land, |
| 18 | 111/ 15 – 8 | Daisi Joy | 4 cent | House and land, |
| 19 | 111/16 pt.5 | Chakkunni & Sons | 8 cent | House and land, |

| | | | | |
|----|-----------|---------------------------------------|------------|--|
| 20 | 14/3 A-A3 | Johny MC | 6 cent | Land and shop building, livelihood of handicapped brother. |
| 21 | 111/15-9 | Santhosh K V | 5 cent | House and land, coconut-2, arecunut-5, elanji-1, jacktree-1. |
| 22 | 111/15-12 | Sahadevan Mukkathu | 4 cent | Frontage of the house |
| 23 | 111/17-6 | A Chandran & Radha | 10 cent | Land |
| 24 | 14/4-B2 | N G Radhakrishnan | Don't Know | Land |
| 25 | 14/18 | Panchayath well | Don't Know | Panchayath well |
| 26 | 14/18 | Krishnankutty, MV Sahadevan & others | Don't Know | Path |
| 27 | 14/2-A | Vilasini, K C Raveendran etc. | Don't Know | Path |
| 28 | 14/5 | KG Sadanandan, M T Anilkumar & others | Don't Know | Path |
| 29 | 14/18 | Venugopal, Joseph Ravi tec | Don't Know | Path |
| 30 | 14/4-B2 | Fish land center , Panchayath | Don't Know | Path |

Table No. 5.2 Inventory, Kadamakudy village

| | | | | |
|---|---------|--------------------------|----------|--------------------------------------|
| 1 | 41/8-8 | Baby K J | 10 cent | house, well, pump house, store house |
| 2 | 3/11-22 | Jaison Kolanchery veetil | 0.5 cent | Land |
| 3 | 41/3-3 | Rosy Kochappu | 13 cent | House, well, shop and livelihood |

| | | | | |
|----|-----------------------|---------------------------------|---------------|---|
| 4 | 42/6-14 | Rameshan Aravassery | 4.7 cent | House, well, land |
| 5 | 3/4-18, 3/5-19 | Varkey Thottungal | 1.5 cent | House and land |
| 6 | 3/06-20 | Pathros Thottungal | Don't Know | shop & land, wall, gate |
| 7 | 42/7-15 | PP Dassan & Vinod | 1.75 cent | land, toilet, bathroom |
| 8 | 42/6-13 | Vinoj Pandaraparambil | Don't Know | house and land |
| 9 | 42/6-13 | P K Vijayan Pandaraparambil | 4+ cent | Land |
| 10 | 3/10-21 | Mary Antony Kolenchery | Don't Know | Land |
| 11 | 41/9-29, 42/2-10 | Francis Thottungal | 17 cent | Bath room, well, toilet, wall and gate, alignment touching the house, coconut-9, Oosbery tree, jack tree-3, |
| 12 | 41/4-22 | Joshy Antony | 7.5 cent | land and house |
| 13 | 4/13-27 | Mother Gracia Nazrth Sisters | Don't Know | land, gate, wall |
| 14 | 4/05-25 | Job Manavalan | 22 cent | land, compound wall, gate, jack tree-2, anjili-1, coconut-13, ambazham-1, arecunut-3, mango-tree-6, anjili-1, athi-1, amruth-1, bamboo-1, supporta-1, goa-1 |
| 15 | 4/14-28 | E O Paulos | 1.25 cent | shop and land |
| 16 | 1/14 | Public Tap | | |
| 17 | 8/2-15 | Agustine & Reetha | 3+ cent | land and compound wall |
| 18 | 41/14-30, 41/17-32 | Ponnan Keezhath 2.5 | cent | land and house |

| | | | | |
|----|----------|--------------------------|------------|---|
| 19 | 42/4-12 | Ravi Nedumpallichalil | Don't Know | land and house |
| 20 | 41/5-27 | Tambi Velayudhan | Don't Know | land and house |
| 21 | 41/15-15 | Elssy Varghese Manavalan | 3.5 cents | Land |
| 22 | 40/4-11 | Benny & Alex | 2 cent | Compound wall and land, coconut -3, arecunut- 15. |
| 23 | 42/3-11 | Sushama Manoharan | Don't Know | House land |

5.3 EXTEND OF LAND/PROPERTY AFFECTED

| Table No.5.3 Extend affected | | | | |
|------------------------------|-----------|---------|---------------|--------------------|
| Extend | Frequency | Percent | Valid Percent | Cumulative Percent |
| Totally affected | 30 | 56.6 | 56.6 | 56.6 |
| partially affected | 23 | 43.4 | 43.4 | 100.0 |
| Total | 53 | 100.0 | 100.0 | |

Table No.5.2 shows the extent of impact on the property of the affected. Out of 53 survey numbers including road and public utility 30 properties are affected fully (56.6 percent) and 23 properties are partially affected (43.4 percent).

5.4 REUSABILITY AFTER ACQUISITION

| Table No. 5.4 Reusability after acquisition | | | | |
|---|-----------|---------|---------------|--------------------|
| Reusable | Frequency | Percent | Valid Percent | Cumulative Percent |
| Yes | 19 | 35.8 | 35.8 | 35.8 |
| No | 34 | 64.2 | 64.2 | 100.0 |
| Total | 53 | 100.0 | 100.0 | |

Table No.5.3 shows reusability of the remaining portion of the affected property. Out of the 53 sole property owners, 19 numbers stated that they can reuse the remaining property while 34 respondents stated that they cannot.

5.5 INDIRECT IMPACT OF THE PROJECT

The project area includes families, open grounds, Place of worship, Public utilities like roads, Panchayath well and pipe, and means of livelihood. A few houses are on the edge of the bridge and even the construction time itself their houses may be damaged due to the vibration of the Piling and other heavy works. A number of houses are coming closer to the road and their privacy will be lost / reduced.

5.6 FAMILY OF SCHEDULED TRIBES AND OTHER TRADITIONAL FOREST DWELLERS WHO HAVE LOST ANY OF THEIR FOREST RIGHTS

Not Applicable

5.7 FAMILIES WHICH DEPEND ON COMMON PROPERTY RESOURCES WHICH WILL BE AFFECTED DUE TO ACQUISITION OF LAND FOR THEIR LIVELIHOOD

Yes. One temple, one Panchayath well, Pipe, and roads/passages will be affected.

5.8 FAMILIES WHICH HAVE BEEN ASSIGNED LAND BY THE STATE GOVERNMENT OR THE CENTRAL GOVERNMENT UNDER ANY OF ITS SCHEMES AND SUCH LAND IS UNDER ACQUISITION

Most of these lands were given by the Govt. of Kerala under the tenancy right scheme before 1970 and they have got the full right with patta.

5.9 FAMILIES WHICH HAVE BEEN RESIDING ON ANY LAND IN THE URBAN AREAS FOR PRESENDING THREE YEARS OR MORE PRIOR TO THE ACQUISITION OF THE LAND

Not Applicable

5.10 FAMILIES WHICH HAVE DEPEND ON THE LAND BEING ACQUIRED AS A PRIMARY SOURCE OF LIVELIHOOD FOR THREE YEARS PRIOR TO THE ACQUISITION

Most of these families reside in the area and are engaged in different livelihood activities. But seven families are totally depending on the petty shops/ shops since long time and their main source of income/ livelihood is going to be affected.

CHAPTER – 6

SOCIO – ECONOMIC DESIGN

6.1 PREFACE

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

6.2 FAMILY INCOME

| Table No. 6.1 Monthly income of the family | | | | |
|--|-----------|---------|---------------|--------------------|
| Rupees | Frequency | Percent | Valid Percent | Cumulative Percent |
| bellow 5000 | 7 | 13.2 | 13.2 | 13.2 |
| 5000-10000 | 13 | 24.5 | 24.5 | 37.7 |
| 10000-20000 | 9 | 17.0 | 17.0 | 54.7 |
| 20000-50000 | 12 | 22.6 | 22.6 | 77.4 |
| above 50000 | 5 | 9.4 | 9.4 | 86.8 |
| NA | 7 | 13.2 | 13.2 | 100.0 |
| Total | 46 | 100.0 | 100.0 | |

Table No.6.1 shows the monthly income range of the affected families. 7 families are with a salary which is less than 5000/- per month, while 13 families have salary between 5000 -10000, and 9 families have income between 10000 – 20000. 12 families are earning family income between 20000-50000 and 5 families have the income more than 50000 per month and Not Applicable category constitute 5

6.3 ACQUISITIONS AFFECT FAMILY INCOME

| Table no. 6.2 Acquisition affects family income | | | | |
|--|-----------|---------|---------------|--------------------|
| Affects family income | Frequency | Percent | Valid Percent | Cumulative Percent |
| Yes | 7 | 13.2 | 13.2 | 13.2 |
| No | 40 | 75.5 | 75.5 | 88.7 |
| NA | 6 | 11.3 | 11.3 | 100.0 |
| Total | 53 | 100.0 | 100.0 | |

Table No.6.2 shows the details of families whose income affected by the acquisition of their property. As per the information from the respondents there are 7 families whose income is affected by the acquisition of their property. All these seven units are running small business units in the proposed site and they will lose these income source.40 are in the not affecting category while 6 are not applicable.

6.4 MAJOR INCOME SOURCE

| Table No.6.3 Major income source | | | | |
|---|-----------|---------|---------------|--------------------|
| Source | Frequency | Percent | Valid Percent | Cumulative Percent |
| Business | 8 | 15.1 | 15.1 | 15.1 |
| Fishing | 9 | 17.0 | 17.0 | 32.1 |
| Kooly | 10 | 18.9 | 18.9 | 50.9 |
| Service govt. | 10 | 18.9 | 18.9 | 69.8 |
| Pvt. Service | 7 | 13.2 | 13.2 | 83.0 |
| Welfare Pension | 3 | 5.7 | 5.7 | 88.7 |
| N A | 6 | 11.3 | 11.3 | 100.0 |
| Total | 53 | 100.0 | 100.0 | |

Table No.6.3 shows the details of the income source of the families who are affected by the acquisition. 8 families have business as their income source, while 9 are surviving with income from fishing, 10 families survive with income from Kooli labour and 10 other families have govt. servants to get salaries. 6 of the families are working in private establishments to make the living. 3 families have welfare pension as their source of income and 6 are in Not Applicable category.

6.5 RATION CARD

| Table no.6.4 Ration Card | | |
|---------------------------------|-----------|---------|
| Ration card | Frequency | Percent |
| Yes | 46 | 86.8 |
| NA | 7 | 13.2 |
| Total | 53 | 100.0 |

Table No.6.4 shows the number of families possessing ration cards. All the 46 families in the affected area have ration cards. The 7 are in not applicable including temple and paths in the area.

6.6 RATION CARD TYPE

| Table No. 6.5 Type of Ration card | | | | |
|--|-----------|---------|---------------|--------------------|
| Type | Frequency | Percent | Valid Percent | Cumulative Percent |
| BPL | 17 | 32.1 | 32.1 | 32.1 |
| APL | 29 | 54.7 | 54.7 | 86.8 |
| AAAY | 1 | 1.9 | 1.9 | 88.7 |
| NA | 7 | 11.3 | 11.3 | 100.0 |
| Total | 53 | 100.0 | 100.0 | |

Table No.6.5 shows the ration card type possessed by the affected. Out of 53 owners 17 families come under Below Poverty Line and 29 families are above Poverty line. 1 family is in the AAY category. 6 are in not applicable category.

6.7 FAMILY DETAILS: CHATHANAD, EZHIKKARA VILLAGE

| Table No.6.6 Details of family members: Chathanad in Ezhikkara village | | | | |
|---|----------------------------|------|--------|-------|
| SN | Name of land owner | Male | Female | Total |
| 1 | Vincent Seeveli | 1 | 2 | 3 |
| 2 | Mini Ambros | 2 | 2 | 4 |
| 3 | Jose Vincent | 5 | 2 | 7 |
| 4 | Kairali K S | 3 | 2 | 5 |
| 5 | Ambika M K | 0 | 1 | 1 |
| 6 | Secretary | 0 | 0 | 0 |
| 7 | Mani K K | 2 | 3 | 5 |
| 8 | Sasindran Kadavilparambil | 2 | 4 | 6 |
| 9 | Pankajakshan Kottaparambil | 1 | 3 | 4 |
| 10 | Disni Priyanath | 3 | 1 | 4 |
| 11 | Sabeth vazhakkootathil | 3 | 2 | 5 |
| 12 | Alice Bijumon | 3 | 1 | 4 |
| 13 | Sherly Maruthonthara | 3 | 2 | 5 |
| 14 | Gopalakrishnan | 3 | 3 | 6 |
| 15 | Peshala Shanmukhan | 2 | 3 | 5 |
| 16 | K D Joseph | 4 | 3 | 7 |
| 17 | Boban Vincent | 4 | 2 | 6 |
| 18 | Daisi Joy | 3 | 1 | 4 |
| 19 | Chakkunni & Sons | 3 | 2 | 5 |

| | | | | |
|----|--------------------|----|----|-----|
| 20 | Johny MC | 3 | 1 | 4 |
| 21 | Santhosh K V | 2 | 2 | 4 |
| 22 | Sahadevan Mukkathu | 2 | 2 | 4 |
| 23 | A Chandran & Radha | 4 | 2 | 6 |
| 24 | N G Radhakrishnan | 2 | 2 | 4 |
| | | 60 | 48 | 108 |

Table No.6.6 shows the details of total members affected in the families in Chathanad area by the acquisition. Though there are 24 possessions one is a temple and from 23 land/property holding families constitute a total number of 108 people are affected. Out of 108 members 60 are male and 48 are female.

6.8 FAMILY DETAILS: KADAMAKUDY

| SN | Name of land owner | Male | Female | Total |
|----|-----------------------------|------|--------|-------|
| 1 | Baby K J | 1 | 2 | 3 |
| 2 | Jaison Kolanchery veetil | 1 | 4 | 5 |
| 3 | Rosi Kochappu | 1 | 4 | 5 |
| 4 | Rameshan Aravassery | 2 | 1 | 3 |
| 5 | Varkey Thottungal | 3 | 3 | 6 |
| 6 | Pathros Thottungal | 1 | 1 | 2 |
| 7 | PP Dassan & Vinod | 2 | 2 | 4 |
| 8 | Vinoj Pandaraparambil | 2 | 2 | 4 |
| 9 | P K Vijayan Pandaraparambil | 2 | 2 | 4 |
| 10 | Mary Antony kolenchery | 1 | 4 | 5 |
| 11 | Francis Thottungal | 4 | 5 | 9 |
| 13 | Joshi Antony | 3 | 1 | 4 |

| | | | | |
|----|------------------------------|----|----|-----|
| 14 | Mother Gracia Nazrth Sisters | 0 | 3 | 3 |
| 15 | Job Manavalan | 3 | 3 | 6 |
| 16 | E O Paulos | 4 | 2 | 6 |
| 17 | Agustine& Reetha | 4 | 3 | 7 |
| 18 | Ponnan keezhath | 2 | 2 | 4 |
| 19 | Ravi Nedumpallichalil | 2 | 3 | 5 |
| 20 | Tambi Velayudhan | 1 | 4 | 5 |
| 21 | Elssy Varghese | 2 | 2 | 4 |
| 22 | Benny & Akex | 3 | 3 | 6 |
| 23 | Sushama Manoharan | 0 | 1 | 1 |
| | | 44 | 57 | 101 |

Table No.6.7 shows the details of total members affected in the families by the acquisition. There are 23 possessions of land/property holding families constitute a total number of 101 people are affected in the Kadamakudy village. Out of 101members 44 are male and 57 are female.

CHAPTER – 7

SOCIAL IMPACT MANAGEMENT PLAN

7.1 APPROACH TO IMPACT MITIGATION

SIA seeks to assess, in advance, the social repercussion that are likely to follow from projects undertaken to promote development, such as highways, airports, urban development, railways, by-pass roads etc. It is a tool that can help decision makers to foresee the likely negative impacts of their actions so that steps necessary to prevent or at least to contain them could be taken in time. As an aid to the decision making process, SIA provides information on social and cultural factors that need to be taken into account in any decision that directly or indirectly affects the lives of people in the project area. The process of conducting Social Impact Assessment was designed in a manner which involved all stakeholders in systematic approach to assess the impact of proposed acquisition.

The Social impact mitigation of the project has been planned to reduce the social impact caused in connection with land take – over. Individuals whose valuable properties are affected mainly demand for satisfactory compensation amounts as well as resettlement and rehabilitation. 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

Make the compensation payment at the agreed time as per the strict execution of RFCTLARR Act – 2013 which insist on fair compensation, transparency, rehabilitation and re-settlement.

7.3 MEASURES THOSE ARE INCLUDED IN THE TERMS OF REHABILITATION AND RESETTLEMENT

Compensation as outlined in the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013 shall be provided to the affected. The Implementing agency has identified the land required for acquisition for resettlement in the nearest area itself. The details including the status, willingness and landholders demand are given in the table below.

| SN | Survey Number | Name | Area of land | Type of land | Assets/ properties | Willingness/ demands |
|----|---------------|--|--------------|--------------|--|---|
| 1 | 14/18-B | Joy Seeveli Chathanad, Ezhikkara Mob:9444726202 <u>Postal Address</u> S.V. Joy A-4 , Muthamil Nagar, Sandhyarpetai, Chennai- 81 | 18.5 cent | Dry land | Plinth level of a building, coconut trees 17, Arecunut trees- 25, mango tree- 4, Anjili- 1 | Willing to give only if open market rate is given. |
| 2 | 4/5-29 | Job Manavalan Kadamakudy Kadamakudy village Mob:9495683303 Postal Address: Job M .V. Manavalan House, Moolepadam Road, Mangattukittikkadu Line,Vazhakkala, Kochi-30. | Not given | Dry land | Not provided | Not willing to give land. So no details were given. Will not cooperate with acquisition. |

| | | | | | | |
|---|--------------|---|--------------|-------------|----------------------------|---|
| 3 | 8/13-16 | Cheriyam M. A Kadamakudy Kadamakudy Village Mob: 7012799974 | Not given | Dry land | Not provided | Not willing to give land. So no details were given. |
| 4 | 17/8-8 | Agustine Palamattath Manavalan House 34/889, Valiyapadam Road, Edappally Kochi-24 Mob.7012799974 | Not given | Dry Land | Details did not provide | Not Willing to give the land. So no details were given. |
| 5 | 12/12- 16 | (Joy Paul) 9995354359 Name of Owner: Sussy Sussy Jose, Manavalan House, Kadamkkudy,- 682027 | 55 cent | Dry land | Details did not provide | Not Willing to give the land. So no details were given. |

7.4 MEASURES THAT ARE REQUIRING BODY HAS STATED IT WILL INTRODUCE TO THE PROJECT PROPOSAL

Requiring body has to make a separate budget for the compensation process.

7.5 ALTERATIONS TO PROJECT DESIGN TO REDUCE THE SOCIAL IMPACT ASSESSMENT PROCESS

Since the construction of Bridge in Chathanad side is completed except its landing and Kadamakudy side is remaining only some portion to be completed and it is not required to look for any other alternatives.

7.6 IMPACT MITIGATION AND MANAGEMENT PLAN

| Impact | Mitigation Means | Factors to be monitored | Concerned Agency |
|--|--|--|------------------------------------|
| Concern about inadequacy of Compensation | <ul style="list-style-type: none"> - To Formulate criteria for full compensation - Criteria to be published before hand - To set up grievance redressal system for complainants | <ul style="list-style-type: none"> - Transparency in compensation - Number of complaints about compensation - Number of demands to enhance the compensation | District level Empowered Committee |
| Fund insufficient to buy alternative land | Modify criteria to increase the compensation to buy land in same locality | Number of persons unable to find land | Dept of Revenue |
| Complaint about the delay in the payment of the compensation | Finalise the amount and fix a date before handing over the land to the Project | Number of waiting for the amount even after the taking over is completed | District level Empowered Committee |
| Anxiety about losing house | Arrange temporary living facility till getting exchange house Assistance with shifting to the new place | Delay in getting the new house as per the Act. | Concerned Agency |
| | Arrange counseling facility | | Concerned Agency |

| | | | |
|---|---|---|------------------------------------|
| | Keep informing up to date details regarding rehabilitation plan and implementation. | | District level Empowered Committee |
| Fear of disconnect with social relation | -The area to be found for rehabilitation should be as close to the former as possible. -To make social services available. | Make a voluntary organisation available new area | Concerned Agency |
| Fear of being forlorn in the new area | Find the safest locality for rehabilitation. | Place for rehabilitation with social service activities | Concerned Agency |

CHAPTER – 8

SOCIAL IMPACT ACTION PLAN DIRECTORATE

8.1 DIRECTORATE AND RESPONSIBLE OFFICIALS

As per the stipulation of RFCTLARR act 2013, the Administrator appointed by the Govt. shall be responsible for preparing the Scheme for the rehabilitation and re-establishment of the families displaced by the Project. The said Officer shall be responsible for formulating, implementing and supervising the scheme for the rehabilitation and re-settlement which are subject to supervision, direction and control of the Commissioner functioning for the purpose.

The social impact caused owing to the Project can fairly be mitigated as per the clauses laid out in the RFCTLARR act 2013 which guarantees fair compensation rehabilitation and re-establishment for the parties affected by the land acquisition. The district level Committee formed as per the policy directive of the Govt. of Kerala wide... shall consist of the following members:

- District Collector
- Administrator for Resettlement and Rehabilitation
- Land Acquisition Officer
- Finance Officer
- Representatives of the Requiring Body to take financial decisions on its behalf
- Representatives of a local self government institution

CHAPTER - 9

SOCIAL IMPACT MANAGEMENT BUDGET AND FINANCING OF MITIGATION PLAN

9.1 COSTS OF ALL RESETTLEMENT AND REHABILITATION COSTS

The cost is not calculated for resettlement and rehabilitation.

9.2 ANNUAL BUDGET AND PLAN OF ACTION

Not Applicable.

9.3 FINDING SOURCES WITH BREAK UP

Not Applicable.

CHAPTER - 10

SOCIAL IMPACT MANAGEMENT PLAN MONITORING AND EVALUATION

10.1 KEY MONITORING AND EVALUATIVE INDICATORS

Not Applicable.

10.2 REPORTING MECHANISMS AND MONITORING ROLES

Not Applicable.

10.3 PLAN OF INDEPENDENT EVALUATION

Not Applicable.

CHAPTER - 11

ANALYSIS OF COSTS AND BENEFITS RECOMMENDATION ON ACQUISITION

11: 1 FINAL CONCLUSION

The proposed land acquisition for Valiya kadamakudy- Chathanad Bridge and its approaches will affect families losing their land / Properties. The residential houses of 19 families are affected. 7 families whose primary income sources are being petty shops/ business units are affected on their regular income. 22 landed properties/ other assets are affected. There are commonly used properties like 1Panchayath well, 2 pipe water taps, 3 paths/ passages and one place of worship which also shall be considered as a cost of the proposed acquisition. A total of 209 population are directly affected by the Project

Analysis of benefits the proposed bridge and its approaches connects Kadamakudy Kanayannor Tauk and Chathanad of Ezhikkara Panchayat, Paravoor Taluk. The people on these areas depend on Jangaars to reach schools, colleges, offices, hospitals etc. This bridge will act as the shortest route for the people Valiya Kadamakudy and Ezhikkara Panchayaths to reach Paravoor and Ernakulam towns for their medical and educational needs and also to reach various civic amenities. Due to better transportation facility the tourism business and related activities can be enhanced and financial returns of the locals are expected to be raised. Easy and better transportation facilities with savings in transportation and communication, the industrial and tourism related units will be boosted as such it may open up additional employment opportunities in the area. Thus the proposed bridge will contribute a lot in the economy and general growth of the surrounding islands and generate employment opportunities to the local public.

11.2 CHARACTER OF SOCIAL IMPACTS

According to the people of that area, they need to face many problems due to the implementation of the project. The families shared that for the acquisition they need to get proper compensation considering their sentiments of staying there for a long time.

19 families residing in the area and the temple need to be relocated. The family had an emotional attachment to the place and they are worried about the future place of stay, locality, educational & medical feasibility etc. 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 receive 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 and interest and treating as inevitable need, the project has to be implemented.

SUMMARY

This project is a milestone of Kadamakudy – Chathanad of Ezhikkara villages. The proposed project involves acquisition of 2.0848 hectares of land. This study report helps the affected people to receive fare compensation as per RFCTLARR Act 2013.

When completed this road would connect and link the highly isolated areas such as Kadamakudy village and Chathanad in Ezhikkara village in the Vembanad backwater system with each other and with the main land.

To execute this project, 209 people from 46 landholdings have to sacrifice their own property. As part of land acquisition for this project, people of that area had lost land/ properties, houses and business units of livelihood etc. According to the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013, the People of this area need to get fair compensation resettlement for the deserving. For this, the team has studied the social impact of the area and methods to reduce the impacts have been laid down in the report.

When we explore the positive impacts of the project it is necessary to acquire land from people for Valiya Kadamakudy - Chathanad Bridge and its approaches project. Provisions of compensation for the land acquisition under the RFCTLARR Act 2013 shall be enough to mitigate impacts regarding loss of land.

ACKNOWLEDGEMENT

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


We also acknowledge our gratitude to deputy Collector (LA) and all the staff members for helping us to collect all the details of land acquisition. We express our gratitude to Valiya Kadamakudy and Ezhikkara Grama Panchayath Presidents and members. We also extend thanks to Staff members of Kadamakudy and Ezhikkara village and all the people of project area for their help and co-operation.

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

Annexure 1 (a) Gazette notification

250

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കേരള സർക്കാർ
Government of Kerala
2018



Regn. No. KERBIL/2012/45073
dated 5-9-2012 with RNI
Reg. No. KL/TV(N)/634/2018-20

കേരള ഗസറ്റ്
KERALA GAZETTE
അസാധാരണം
EXTRAORDINARY

ആധികാരികമായി പ്രസിദ്ധപ്പെടുത്തുന്നത്
PUBLISHED BY AUTHORITY

| | | | |
|--------------------------|--|---|------------------|
| വാല്യം 7 } Vol. VII } | തിരുവനന്തപുരം, ശനി Thiruvananthapuram, Saturday | 2018 ജൂൺ 30 30th June 2018 1193 മിഥുനം 16 16th Mithunam 1193 1940 ആഷാഢം 9 9th Ashadha 1940 | നമ്പർ } No. } |
| | | | } 1748 |

GOVERNMENT OF KERALA
Revenue (B) Department
NOTIFICATION

G. O. (P) No. 38/2018/RD. Dated, Thiruvananthapuram, 23rd June, 2018.

RULES

S. R. O. No. 443/2018.—WHEREAS, it appears to the Government of Kerala that the land specified in the Schedule below is needed or likely to be needed for a public purpose, to wit for the land acquisition for the construction of Valiyakadamakkudi-Chathanad Bridge;

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

PRINTED AND PUBLISHED BY THE SUPERINTENDENT OF GOVERNMENT PRESSES
AT THE GOVERNMENT CENTRAL PRESS, THIRUVANANTHAPURAM, 2018.
33/2563/2018/S-11.

Now, THEREFORE, sanction is accorded to the Social Impact Assessment Unit, Youth Social Service Organisation (YSSO), Social Service Centre, MA College P. O., Kothamangalam to conduct a Social Impact Assessment Study and to prepare a Social Impact Management Plan as provided in the Act. The process shall be completed within a period not exceeding two months in any case.

SCHEDULE

District—Ernakulam.

*Taluk—Kanayannoor and Paravoor. Village or Amsom and Desom—
Kadamakkudi and Ezhikkara.*

(The extent given is approximate)

| <i>Survey Nos.</i> | <i>Description</i> | <i>Extent in Ares</i> |
|-----------------------------|--------------------|-----------------------|
| 3, 4, 8, 17, 12, 40, 41, 42 | | 208.48 Ares |
| 14, 111 | | |

By order of the Governor,

K. BIJU, IAS,
Additional Secretary.

Explanatory Note

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

The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Rules has come into force on 19-9-2015 and as per Rule 10 notifying a Social Impact Assessment Unit for conducting Social Impact Assessment Study is required. Requisition has been received for acquiring 208.48 Ares of land for the construction of Valiyakadamakkudi-Chathanad Bridge.

The notification is intended to achieve the above object.

സാക്ഷ്യപത്രം

വലിയ കടമക്കൂടി ചാത്തനാട് പാലം അപ്പോച്ച് റോഡ് പദ്ധതിയുടെ നിർമ്മാണത്തിനായി ഭൂമി ഏറ്റെടുക്കുന്നതിനുള്ള ഗസ്റ്റ് നമ്പർ G.O(P)No.38/2018/RD അടിസ്ഥാനമാക്കിയുള്ള സാമൂഹ്യ പ്രത്യാഘാത പഠനത്തിന്റെ കരട് റിപ്പോർട്ട് 22/10/2018 ന് ഈ ഓഫീസിന്റെ നോട്ടീസ് ബോർഡിൽ പ്രസിദ്ധീകരിച്ചിട്ടുള്ളതായി സാക്ഷ്യപ്പെടുത്തുന്നു



എന്ന,

P.A. Chacko.
PRESIDENT
Ezhikkera Grama Panchayath

സാക്ഷ്യപത്രം

വലിയ കടമക്കുടി ചാത്തനാട് പാലം അപ്പോച്ച് റോഡ് പദ്ധതിയുടെ നിർമ്മാണത്തിനായി ഭൂമി ഏറ്റെടുക്കുന്നതിനുള്ള ഗസ്റ്റ് നമ്പർ G.O(P)No.38/2018/RD അടിസ്ഥാനമാക്കിയുള്ള സാമൂഹ്യ പ്രത്യാഘാത പഠനത്തിന്റെ കരട് റിപ്പോർട്ട് 02/10/2018 ന് ഈ ഓഫീസിന്റെ നോട്ടീസ് ബോർഡിൽ പ്രസിദ്ധീകരിച്ചിട്ടുള്ളതായി സാക്ഷ്യപ്പെടുത്തുന്നു

എന്ന്,




N. M. SOBHANAKUMARI
Secretary
Kadamakudy Grama Panchayat
0484-2430344

സാക്ഷ്യപത്രം

വലിയ കടമക്കുടി ചാത്തനാട് പാലം അപ്പോച്ച് റോഡ് പദ്ധതിയുടെ നിർമ്മാണത്തിനായി ഭൂമി ഏറ്റെടുക്കുന്നതിനുള്ള ഗസ്റ്റ് നമ്പർ G.O(P)No.38/2018/RD അടിസ്ഥാനമാക്കിയുള്ള സാമൂഹ്യ പ്രത്യാഘാത പഠനത്തിന്റെ കരട് റിപ്പോർട്ട് 22/10/2018 ന് ഈ ഓഫീസിന്റെ നോട്ടീസ് ബോർഡിൽ പ്രസിദ്ധീകരിച്ചിട്ടുള്ളതായി സാക്ഷ്യപ്പെടുത്തുന്നു

എന്ന്,


22/10/18
മുഖ്യ ഓഫീസർ
എ.ടി.ഒ.ഒ
ഫീൽഡ് - 683 513

സാക്ഷ്യപത്രം

വലിയ കടമക്കുടി ചാത്തനാട് പാലം അപ്പോച്ച് റോഡ് പദ്ധതിയുടെ നിർമ്മാണത്തിനായി ഭൂമി ഏറ്റെടുക്കുന്നതിനുള്ള ഗസ്റ്റ് നമ്പർ G.O(P)No.38/2018/RD അടിസ്ഥാനമാക്കിയുള്ള സാമൂഹ്യ പ്രത്യാഘാത പഠനത്തിന്റെ കരട് റിപ്പോർട്ട് 22/10/2018 ന് ഈ ഓഫീസിന്റെ നോട്ടീസ് ബോർഡിൽ പ്രസിദ്ധീകരിച്ചിട്ടുള്ളതായി സാക്ഷ്യപ്പെടുത്തുന്നു

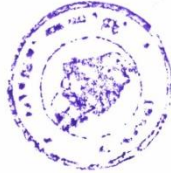
എന്ന,

[Handwritten Signature]
22/10/18



സാക്ഷ്യപത്രം

വലിയ കടമക്കുടി ചാത്തനാട് പാലം അപ്പോച്ച് റോഡ് പദ്ധതിയുടെ നിർമ്മാണത്തിനായി ഭൂമി ഏറ്റെടുക്കുന്നതിനുള്ള ഗസ്റ്റ് നമ്പർ G.O(P)No.38/2018/RD അടിസ്ഥാനമാക്കിയുള്ള സാമൂഹ്യ പ്രത്യാഘാത പഠനത്തിന്റെ കരട് റിപ്പോർട്ട് ~~20~~10/2018 ന് ഈ ഓഫീസിന്റെ നോട്ടീസ് ബോർഡിൽ പ്രസിദ്ധീകരിച്ചിട്ടുള്ളതായി സാക്ഷ്യപ്പെടുത്തുന്നു.



എസ്. *[Handwritten Signature]*
VILLAGE OFFICER
KADAMAKUDY

E5/23327/18

സാക്ഷ്യപത്രം

വലിയ കടമക്കൂടി ചാത്തനാട് പാലം അപ്പോച്ച് റോഡ് പദ്ധതിയുടെ നിർമ്മാണത്തിനായി ഭൂമി ഏറ്റെടുക്കുന്നതിനുള്ള ഗസ്റ്റ് നമ്പർ G.O(P)No.38/2018/RD അടിസ്ഥാനമാക്കിയുള്ള സാമൂഹ്യ പ്രത്യാഘാത പഠനത്തിന്റെ കരട് റിപ്പോർട്ട് 17/10/2018 ന് ഈ ഓഫീസിന്റെ നോട്ടീസ് ബോർഡിൽ പ്രസിദ്ധീകരിച്ചിട്ടുള്ളതായി സാക്ഷ്യപ്പെടുത്തുന്നു

എന്ന,



for **Wahilias
Kanyasoo
Kunabulag**

Annexure 2 Socio economic survey questionnaire

Socio Economic Survey for Social Impact Assessment Study

Land Acquisition for Valiya Kadamakudy - Chathanadu Bridge and its approaches,
Ernakulam Dist.

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

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

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

| | | | |
|-----------------|-------|--|-------------------------|
| Q. 2 Respondent | Owner | | Representative of Owner |
|-----------------|-------|--|-------------------------|

| | | | | |
|---------------------------------------|-------|--|-------------------------|--|
| Q. 3 Name & Address of the Respondent | Owner | | Representative of Owner | |
|---------------------------------------|-------|--|-------------------------|--|

ASSET DETAILS

Q. 4 Type of Property

| | | | | | |
|-----------|--|-------|--|-------------------------|--|
| Open Land | | Nilam | | Nilam Nikathu Purayidam | |
|-----------|--|-------|--|-------------------------|--|

Q. 5 Type of use

| | | | | | |
|-----------|--|------------------------------|--|------------------|--|
| Open Land | | Wet Land (Agricultural Land) | | Others (specify) | |
|-----------|--|------------------------------|--|------------------|--|

| | | | |
|---|---------------------|--|--|
| Q. 6 Name of title holder of the property (Specify the names of all the members specified as per the title deed) | | | |
| a) Communication Address (with PINCODE) | | | |
| b) Contact No | | | |
| c) Relationship with family head | | | |
| d) Acquisition by | Hereditary | | |
| | Purchase | | |
| | Encroached/squatter | | |
| | Others (specify) | | |

| | |
|---|--|
| e) Date of acquiring of the property (approx period) | |
| f) Details of transactions made on the property within the last three years | |

Q. 7 Property Details

| | |
|--------------------------------|--|
| a) Survey No (Mandatory) | |
| b) Total Area (in hectares) | |
| c) Area Affected (in hectares) | |

In case of more than one property please use additional pages

IMPACT

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

Q. VULNERABILITY

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

GENERAL INFORMATION

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

| | | | | | | |
|----------------|-------|--|---------|--|------------|--|
| Family Pattern | Joint | | Nuclear | | Individual | |
|----------------|-------|--|---------|--|------------|--|

| | | | | | | | | | |
|--------------------|-------|--|--------|--|-----------|--|---------|--|--------|
| Q. 13 Religious | Hindu | | Muslim | | Christian | | Jain | | Others |
| Q. 14 Social Group | SC | | ST | | OBC | | General | | Others |

FAMILY MEMBERS – DETAILS

| SL. No. | Name | Relationship with the Head of the family | Age | Sex | Marital Status | Education | | Job | Monthly Income | Major diseases |
|---------|------|--|-----|-----|----------------|-----------|------------|-----|----------------|----------------|
| | | | | | | Completed | Continuing | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

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

Q. 16 Family Income & Source

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

Project Related Information

| | | | | |
|--|-----|--|----|--|
| Q. 17. Are you aware of the proposed Valiya Kadamakudy - Chathanadu Bridge and its approaches Project. | Yes | | No | |
|--|-----|--|----|--|

Q. 18 If yes, source of information

| | | | | | |
|-------------------|--|-----------------------|--|-----------------|--|
| Newspaper | | Internet/Social media | | TV/Media | |
| Community members | | All of the above | | Other (Specify) | |

Q19. What is the positive or other impacts envisaged from this project development

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

Q. 20 REHABILITATION OPTIONS

a) Owner

| | | |
|--|--|--|
| | Equivalent/better productive land | |
| What is preferred rehabilitation measure | Case compensation at replacement value | |
| | Training for income restoration | |
| | Other (Specify) | |

Additional information

Sign

Annexure 3 (b) Notice to the affected families

यूत्त सोष्यल सरवीस ओरगैनेसेषन
सोष्यल सरवीस सेन्टर

एं.ए. कालेज पी.ओ., कोतमंगलम - 686 666, कोच्ची, केरला, इन्डिया
 Ph: 9446510628 | 0485 2971222 | 9645994000



Youth Social Service Organization
 Social Service Center

M.A College P.O, Kothamangalam - 686 666, Cochin, Kerala
 9446510628 | 0485 2971222 | 9645994000
 www.yssso.net | yssso95@gmail.com

Executive Director
Fr. Jose Paruthuvayalil

ഫോറം നം. 5. ചട്ടം 14 (1) കാണുക

നോട്ടീസ്

No. 5/SIA VKCBR/2018

ഇതോടൊപ്പമുള്ള പട്ടികയിൽ വിവരിച്ചിട്ടുള്ളതുമായ ഭൂമി ഒരു പൊതു ആവശ്യത്തിന് അതായത് വലിയ കടമക്കൂടി ചാത്തനാട് ബ്രിഡ്ജ് & അപ്രോച്ച് റോഡ് പദ്ധതിക്ക് വേണ്ടി ആവശ്യമുണ്ടെന്നോ ആവശ്യമുണ്ടായേക്കാമെന്നോ ജില്ലാ കളക്ടർക്ക് ബോധ്യമാകുന്നതിനാൽ താഴെ പട്ടികയിൽ പറയുന്ന സ്ഥലത്ത് സാമൂഹ്യ പ്രത്യാഘാത വിലയിരുത്തൽ നടത്തുന്നതിന്, ഭൂമി ഏറ്റെടുക്കലിൽ ന്യായമായ നഷ്ടപരിഹാരത്തിനും സുതാര്യതയ്ക്കും പുനരധിവാസത്തിനും പുന:സ്ഥാപനത്തിനുമുള്ള അവകാശ നിയമം (2013ലെ കേന്ദ്ര ആക്ട്, 30) 4-ാം വകുപ്പ് 1-ാം ഉപവകുപ്പ് പ്രകാരമുള്ള ഗസറ്റ് നമ്പർ G.O.(P) No.38/2018ൽ 30/06/2018 ലെ 1748 നമ്പർ ഗസറ്റ് തീയതി 09/08/18ൽ പ്രസിദ്ധീകരിച്ചിട്ടുള്ളതാണ്. സാമൂഹ്യ പ്രത്യാഘാത വിലയിരുത്തൽ റിപ്പോർട്ട് തയ്യാറാക്കുന്നതുമായി ബന്ധപ്പെട്ട് താഴെ പ്രസ്താവിക്കുന്ന ഭൂമിയിൽ താൽപര്യമുള്ള, കടമക്കൂടി വില്ലേജിൽപ്പെടുമ്പോൾ വേണ്ടി 2018 ഡിസംബർ '19-ാംതീയതി രാവിലെ 10 മണിക്ക് കടമക്കൂടി കെ. എസ്.എസ് (കുടുംബി സേവാ സംഘം) ഹാളിൽ വെച്ചും, ഏഴിക്കര വില്ലേജിൽ ഉൾപ്പെടുന്നവർക്ക് ഡിസംബർ 20-ാം തീയതി ഉച്ചക്ക് 2.30 മണിക്ക് ഏഴിക്കര പഞ്ചായത്ത് ഹാളിലും വെച്ച് നടത്തപ്പെടുന്ന പബ്ലിക് ഹിയറിങ്ങിന് ഹാജരാകേണ്ടതാണെന്ന് ഇതിനാൽ അറിയിച്ചുകൊള്ളുന്നു.

പട്ടിക

താലൂക്ക്: കണയന്നൂർ & പറവൂർ ജില്ല: എറണാകുളം വില്ലേജ്: കടമക്കൂടി & ഏഴിക്കര (ഏകദേശ വിസ്തീർണം തന്നിരിക്കുന്നു)

| വില്ലേജ് | സർവ്വേ നമ്പർ | വിസ്തീർണം |
|---------------------------------|-----------------------------|-------------|
| കടമക്കൂടി & ഏഴിക്കര കോതമംഗലം | 3,4,8,17,12,40,41,42,14,111 | 208.48 Ares |

29/11/2018

(ഒപ്പ്)ചെയർപേഴ്സൺ
 സാമൂഹ്യ പ്രത്യാഘാത നിർണയ യൂണിറ്റ്

Annexure 4(a) List of participants - officials and affected families (Kadamakudy village)

VKCBR

LIST OF OFFICIALS IN THE PUBLIC HEARING

NOTIFICATION NO. G.O (P) No.38/2018/RD dated 23.06.2018.

SOCIAL IMPACT ASSESSMENT STUDY FOR VALIYA KADAMAKUDY-CHATHANAD BRIDGE & APPROACH ROAD AT KANAYANNOOR TALUK, KADAMAKUDY VILLAGE SURVEY NO. 3,4,8,17,12,40,41,42

Date : 19/12/2018

TIME: 10:00 AM

Venue : kudumbi seva sangam hall,kdamakudy

| SL NO. | NAME | DESIGNATION | CONTACT NO. | SIGNATURE |
|--------|------------------|-----------------------------------|-------------|----------------|
| 1 | Moly Chuzhayathi | Tahsildar | 9288151463 | Moly |
| 2 | Salini Babu | President, Kaly. GP | 9496045760 | Salini |
| 3 | Ramakrishnan A | Project Director | 9895060120 | RD |
| 4 | Dessy Jijo | MEMBER | 8943879981 | Dessy |
| 5 | Jandira Rani | member XIII | 7034411911 | Jandira |
| 6 | M. L. Margaret | Commissioner of | 9442547534 | M. L. Margaret |
| 7 | A.O Jose | Secy APA (HA) | 9942795100 | A.O Jose |
| 8 | K.L. Thomachan | Revenue Inspector | 9446017189 | K.L. Thomachan |
| 9 | Preethi R | Office of Spl. Tahsildar (LA) GDA | 9447509415 | Preethi R |
| 10 | Heela Jose | Sp. Clerk (LA) GDA | 9847571890 | Heela |
| 11 | Shaji M.S. | Surveyor / Spl. Tahsildar (LA) | 9496833223 | Shaji |
| 12 | | | | |
| 13 | | | | |

VKCBR

LIST OF PARTICIPANTS IN THE PUBLIC HEARING

NOTIFICATION NO. G.O (P) No.38/2018/RD dated 23.06.2018.

SOCIAL IMPACT ASSESSMENT STUDY FOR VALIYA KADAMAKUDY-CHATHANAD BRIDGE & APPROACH ROAD AT KANAYANNOOR TALUK, KADAMAKUDY VILLAGE SURVEY NO. 3,4,8,17,12,40,41,42

Date : 19/12/2018

TIME: 10:00 AM

Venue : kudumbi seva sangam hall,kdamakudy

| SL NO. | NAME | DESIGNATION | CONTACT NO. | SIGNATURE |
|--------|------------------------------------|-------------------------|-------------------------|-----------|
| 1 | L IJO VARKEY | VARKEY.T.V | 9847707885 | |
| 2 | T.V. PATHORS | T.V.PATHORS | 2515712 | |
| 3 | E.O. Paulose | | 9497597577 | |
| 4 | George Francis Sto T.J Francis | Property owner | 9847128718 | |
| 5 | THAMBI VELAYUDHAN. K.DY | | 8086523374 | |
| 6 | JOSHY ANTONY | AD ANTONY ASHYUNTHAN | 9447015064 | |
| 7 | Augustine Joseph | Baby Br. | 9846287442 | |
| 8 | JOB MANAVALAN | Contractor | 9495683303 | |
| 9 | കോളിയാനോർ (എ) - 8 കോളിയാനോർ | | 965627 | |
| 10 | കോളിയാനോർ (എ) - 4642 | | 9605998679 | |
| 11 | കോളിയാനോർ - K.P | കോളിയാനോർ (എ) കോളിയാനോർ | 9446866180 | |
| 12 | Laly Jushy A | കോളിയാനോർ | 9495602967 | |
| 13 | Sr. Lady Susan of Mother Gracia | Provincial Superior | 755802519 9946095527 | |

| | | |
|----|---------------------------|---------------|
| 14 | M.V. SIMON MANANJAN FOLLE | Singer |
| 15 | Joy Choudam Choyard | SP |
| 16 | Rebinson Manavedan Kamm | SP |
| 17 | ര. ടി. മി. മി. മി. | SP |
| 18 | മി. മി. മി. മി. | SP |
| 19 | മി. മി. മി. മി. | SP |
| 20 | മി. മി. മി. മി. | SP |
| 21 | മി. മി. മി. മി. | SP |
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Annexure 4 (b) List of participants - officials and affected families (Ezhikara Village)

VKCBR

LIST OF OFFICIALS IN THE PUBLIC HEARING

NOTIFICATION NO. G.O (P) NO.38/2018/RD DATED 23.06.2018.

SOCIAL IMPACT ASSESSMENT STUDY FOR VALIYA KADAMAKUDY -CHATHANAD
BRIDGE & APPROACH ROAD AT PARAVOOR TALUK, EZHIKKARA VILLAGE
SURVEY NO. 14,111

Date : 20/12/2018

TIME: 2.30PM

Venue : EZHIKKARA PANCHAYATH HALL

| SL NO. | NAME | DESIGNATION | CONTACT NO. | SIGNATURE |
|--------|----------------|--|-------------|-------------|
| 1 | MOLYCHIRAYATH | Taluk level (A) | 9288151463 | Moly |
| 2 | P.A. Chundrika | Poundat | 9744238867 | [Signature] |
| 3 | Rajeev K.R | Senior Planner | 9744238867 | [Signature] |
| 4 | Jose. A.O | APR | 9947795000 | [Signature] |
| 5 | M. L. Margaret | Liaison officer | 8547534246 | [Signature] |
| 6 | Preethe.R | Senior Clerk (PA) | 9447509415 | [Signature] |
| 7 | Saaritha's | Spl. Trn (L.A.S.C.D.A) Village officer | 8547614108 | [Signature] |
| 8 | Joseph T.D | PA to MLTA | 9447225010 | [Signature] |
| 9 | Deleela Peter | Ward member | | [Signature] |
| 10 | | | | |
| 11 | | | | |
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|----|----------------------|---------------|--|--|
| 19 | Consistent. Alimudin | <u>Stuart</u> | | |
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