# Social Impact Assessment Study Of Vadakkekotta Station of

Vadakkekotta Station of Kochi Metro Rail (NadamaVillage - 0.9779 Hectare)

#### Final Report

Requisition Authority Kochi Metro Rail Limited

### KERALA VOLUNTARY HEALTH SERVICES

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#### Abbreviations

APL Above Poverty Line

BPL Below Poverty Line

KMRL Kochi Metro Rail Corporation

CVD Cardio Vascular Diseases

DLPC District Level Purchasing Committee

LA Land Acquisition

NGO Non - Governmental Organisation

NTH Non - Title Holder

MSW Master of Social Work

PAP Project Affected Person

PAF Project Affected Family

EDRAC Ernakulam District Resident's Apex Council

KVVA Kerala VyapariVyavasai Association

TH Title Holder

SIA Social Impact Assessment

SIMP Social Impact Management Plan

RTFCTLARR Act The Right to Fair Compensation and Transparency in

Land Acquisition, Rehabilitation and Resettlement Act

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#### CHAPTER 1 EXECUTIVE SUMMARY

#### 1.1. Introduction - Project and Public purpose

Metro Rail is a mass rapid transportation system. It is convenient, efficient, reliable, fast, modern, user friendly, comfortable and affordable mode of urban transport. Metro rail system will help to eliminate the future bottlenecks in the existing road network by supporting traffic density reduction.

The Kochi Metro system is an urban Mass Rapid Transit System (MRTS) that is being built to serve Kochi, the commercial capital of Kerala. Construction for its 25.612 km Phase 1A from Aluva to Pettah with 22 stations started in June 2013 and inaugurated the 13.2 km section on June 17 2017. The commercial operations commenced on June 19. The Kochi metro rail project is the first metro rail project in the state. After one year of its operation, assessments show that it brings a new traffic and travel culture to the city and to the State. The volume of passengers using metro rail for their daily travel is increasing day by day. Kochi Metro Rail Corporation and Government of Kerala expecting a jump in passenger's volume after completion of the expansion project up to Petta, Thrippunithura.

Vadakkekotta station the second last station of Kochi Metro Phase 1 and therefore expecting a huge volume of passengers boarding and arriving. More over Vadakkekkotta station will design with a plan of Metro Rail development and extensions happened in future.

The proposed project aimed to develop the Vadakkekotta station as one of the best station having ample parking facility and Passenger amenities.

Therefore Government of Kerala give administrative and financial sanction for acquisition of a compact area 0.9779 Hectarefor Kochi MetroProject, inPoonithura Village of Ernakulam District. The intention of the proposed project is in the character of public purpose.

#### 1.2 Location

The project location is defined for the study is both sides of Vadakkekotta area of Ernakulam –Moovattupuzha road.(Between PettaJunction, Thrippunithura and S.N Junction, Thrippunithura.) Vadakkekkotta area is famous for its connection with Thrippunithura Fort of Kochi Kingdom. Many of the residents in the area is either relatives or administrators of Kochi Dynasty. Nearness of the famous Holy SreePoornathrayeesa Temble is also adding the importance of the project location. The project location is 700mts

300 mtsand 100mts, from Thrippoonithura Railway station, MunicippalJunction and The SreePoornathrayeesaTemble respectively. Land in the location is commercial in nature. The proposed metro rail station will further increase the commercial importance.

#### 1.3 Size and Attributes of Land Acquisition

#### **Land Acquisition Authority**

Land acquisition Special Thahasildaroffice (Kochi Metro) are prepares the acquisition details including land sketch and extent of acquisition etc. Boundary stones were laid for proposed acquisition lands.

#### Details of project affected families

The social Impact Assessment Survey finds that 58 families both titleholders and non-title holders are affected by the project. Three residential houses including one residential cum commercial, one exclusive residential and one residential rental are displaced by the project. Out of it the total title holder of exclusive residential building is economically vulnerable. The socioeconomic details show that all the title holders except two are economically non vulnerable in status. None of the project affected families are belongs to scheduled cast or scheduled tribe. Twelve Title Holders are women. All THs are having educational qualification of above 10th Standard. In case of Non Title Holders seven are women. Out of 28 NTHs 14 are having small business and having monthly income less than twenty Thousand. None of the Title Holders or Non -Title Holders is illiterate. Many of the holdings are ancestral property. Some holdings are having joint ownership.

#### Details of the acquiring land

The total land acquiring for the project is 0.9779 Hectare in both sides of Vadakkekotta Junction of Vittilla- Moovattupuzha Road. Several Commercial establishments are located in the area. The project area is 100mts away from ThripunithuraJunction. The nearest railway stations are Thripunithura(500mts), ErnakulamSouth(4Km) and Ernakulam North(7Km). The nearest airport (Kochi International) is located 30km from the project area. The area is commercial. Two residential houses, one rented residence and 28 commercial buildings affected by the project. Several families are living near by the affected land.

#### Socio Economic and Cultural Profile

The Socio Economic and Cultural profile of the Project affected Title Holders shows that all are belongs to middle class and 95% of them are Hindus.85% of them are holding ancestor land. None of them are belongs to Scheduled Cast or Scheduled Tribe .Distribution of Education qualification shows that

all are having education above ten standard. Out of Thirty Title holders 14 are having qualification Degree or above. Four title holders are women. Residence of One and Properties of Two women headed families are displaced by the project. The average incomes of Tile Holders are above Rs 25,000. Two economically vulnerable families are affected by the project. 72% Title holders are not staying in the area. For 78% of Title holders the affected property is their one of the main source of income.

About the Non-Title holders, all are either running shops and commercial establishments in the affected buildings or working in the displaced shops and Commercial establishments. The religious distribution shows that majority (71%) belongs to Hindu religion, 27% belongs to Christian and 2% are Muslims. Distribution of Education qualification shows that all are literate and 93% are having education above 10th standard. The average incomes of NTHs are Rs.10000/=.89% of them are living in 4-5 kilometer radius of the project area. Gender distribution shows that out of 28nos only 4 are women.

#### 1.4. Alternatives

Sl.No	Alternatives proposed	Remarks
1	Shifting the location of the station 100 meters towards S.N.Junction.	More building will be affected.
2	Shifting location of station 100meters back (towards Petta Junction) of the present position.	More buildings will be affected.

#### 1.5. Social Impact

Loss of residents of two title holders, loss of land and structure of 30 title holders, loss of business of 28 Non-Title holders and loss of access of few residents are the major impact of the project. One residential rented house also will be displaced. Most of the THs lost their land for the widening of road as part of the extension of metro rail from Petta Junction to SN Junction. Therefore this is the second loss due to the same project. Most of the affected buildings were resettled after the first phase of acquisition in terms of access, parking area, frontage etc. The present project is the integral part of the first phase of Metro Rail Project. Thereforefor some of the Title Holders and Non -Title holders the present acquisition is the second consecutive acquisition of the same project. This fact will be considered during the fixation of compensation or compensation package. The displaced residential title holders claimed that they do not have any other property other than the affected one. Therefore advanced information and detailed plan of rehabilitation is necessary to mitigate the impact. Residential and property access of many families are affected by the project. An advanced plan of access resettlement and its integration to the project implementation

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will avoid anxiety of people living in the area. One petrol pump is totally displaced by the project. Shifting of underground tanks, business loss, loss of jobs etc are to be addressed in the case. For some Title holders the entire land and property in the area will be displaced by the project. The cases of displacement will be treated as special category because others may benefited after the completion of the project in terms of appreciation in land and property value etc. Some of the shops and commercial establishments are having good will in terms of the place they do business. Shifting from the place may lose their business. This will be addressed during the time of fixing compensation. More than ten shops and establishments are displaced due to the project, if the parties agree joint rehabilitation and resettlement strategies can be initiated.

#### 1.6. Mitigation Measures

Sl.No.	Risk Assumed	Approach	Mitigation Strategy
1	Loss of Residence	Rehabilitation and	Compensation and
		Resettlement.	Rehabilitation.
2	Loss of Commercial Building	Compensation	Compensate the loss
3	Loss of Part of Building	Compensation	Compensate the loss
4	Loss of land	Compensation	Compensate the loss.
5	Loss of Structure	Compensation	Compensate the loss.
6	Loss of Part of Structure	Compensation	Compensate the loss.
7	Loss of Business	Compensation	Rehabilitation -
8	Loss of Jobs	Compensation and Rehabilitation.	Resettlement and Rehabilitation
9	Loss of Trees	Compensation	Compensate and Plant equal number of trees in Government land.
10	Loss of parking area	compensation	Compensation
11	Loss of Access	Control	Conduct technical study and include in rehabilitation package
12	Loss of Access to sub roads	Control	Conduct technical study and include in rehabilitation package
13	Loss of drinking water sources	Control	Compensation and resettlement
14	Loss of Essential Amenities	Control	Conduct technical study and include in rehabilitation package
15	Loss of Government	Re Settle	Resettle

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	properties		
16	Formation of un useful bit lands	Control	Acquire and compensation.
17	Loss of Lively hood	Compensation/support	Compensation and Support.
18	Involved in land acquisition process	Control	Ensure community participation in the whole process.
19	Grievance	Control	Functional grievance redressal committee at village and district level.
20	Productive use of land after acquisition	Control	Include concessions and suggestions in compensation package.

#### 1.7 Assessment of Social Costs and Benefits

Since the pre mitigation impact is medium, the project could able to mitigate the social impact due to the projecteffectively. The high economic status and literacy levelof the project affected Title holders capacitate them to mitigate the impact with necessary support of the Government except in two cases in which economic and social vulnerability prevails. Loss of residents of two title holders, loss of land and structure of 30 title holders, loss of business of 28 Non-Title holders and loss of access of few residents are the major impact of the project. The proposed project aims to develop a metro rail station in Vadakkekotta junction which is very near to Thripunithura bus station. Vadakkekotta is famous for its importance related to Poornathreysva Temple situated very near to Vadakkekotta. Therefore the settlers in the area mainly belongs to Hindu religion and having connection with either religious worship or inheritorsof Kochin dynasty. This shows that most of the titleholders are holding ancestral property. The project displaced two residential houses, one is a mixed property and other is exclusive residence. Both title holders claimed that they don't have any other property other than the affected one. Therefore the project should take necessary action to ensure their resettlement and rehabilitation before displacing them from the project area. Moreover advanced communication continuous consultation, necessary counseling etc. may help to mitigate the impact marginally. Many title holders are losing their land and commercial structure. Necessary compensation could able to mitigate the impact. Few title holders are having their own business in the affected buildings. Shifting their business from their residential area may give them little difficulty to resettle the business in other locations. Necessary consultation and joined rehabilitation strategies may mitigate the impact. Others who are running business in the affected structuremay also lose business which is their livelihood. Some commercial establishments in the area develop goodwill in their business in connection with the place they are running. Therefore duration of the business may consider during fixation of compensation will marginally reduce the impact. The accesses of some of the families living in the area are affected by the project. Develop a resettlement plan of access in advance and integrate it withproject implementation may reduce the anxiety of the people. The titleholders those who are displaced from the area due to the project will be considered as special category for fixation of compensation. Others who are affected by the project may get additional benefit in terms of land value appreciation etc. after completion of the project. This type of categorization may mitigate the impact. Most of the THs lost their land for the widening of road as part of the extension of metro rail from Petta Junction to SN Junction. Therefore this is the second loss due to the same project. Most of the affected buildings were resettled after the first phase of acquisition in terms of access, parking area, frontage etc. The present project is the integral part of the first phase of Metro Rail Project. Therefore for some of the Title Holders and Non -Title holders the present acquisition is the second consecutive acquisition of the same project. This fact will be considered during the fixation of compensation or compensation package.

The project is treated as framed for a public purpose under the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (30 of 2013) Section 2 (i)(b)(iii). It is in this base, Government of Kerala notified to initiate acquisition procedure. After Considering the public importance and interest in compared to the impact the project seems to be in the character of public purpose. The analyzes also shows that the impact could mitigate successfully by possible resettlement and rehabilitation measures. Therefore the project has to be implemented.



### CHAPTER 2 DETAILED PROJECT DESCRIPTION

### 2.1 Background of the project, including developer's background and governance/ management structure.

Change is the law of nature and essential for living beings. Society also must change. The planned change called development. Development therefore encompasses many positive and negative results. Moreover, due to development projects people often have to leave their homes and sometimes people are forced to change their area of operation as well. These interventions may lead to need for rehabilitation and resettlement of the people which further leads to new challenges. As a result, there has always been a need to understand the adverse impacts of development projects in order to minimize the negative outfalls of any project.

Kochi, the commercial hub of Kerala, is already experiencing signs of urban growth pressures. As per World Bank, Kochi is recognized as one of the seventeen major industrial cities of India and an easy city to start business in India. This decade is witnessing huge investments in the region like International Container Transshipment Terminal at Vallarpadam, Info Park at Kakkanad, Special Economic Zone by NEST, LNG terminal, Electronic hardware park. Among the districts, Ernakulum district contributes the highest portion (14.47) of Kerala's GDP. Being a center of excellence of education and a destination for major industries and establishments like High court, Stock exchange, Kochi shipyard, Spice board etc. attract significant floating population form the neighboring districts for their livelihood. In addition to this, Kochi has been emerged as a major tourist destination to domestic as wells as international tourists. Recently opened mall by Lulu group has multi folded the number of visitors in the city. Urbanization has been observed as a new phenomenon with a quickening pace in the last 15 to 20 years. Kochi Corporation with a population of 602046 in 2011 (Census 2011) will grow at an annual growth rate of 1.0 during 2011- 2031 (Development Plan for Kochi city region Draft (2031)). Kochi city region comprising two municipalities and surrounding local bodies with an area of 369.72sq.km will carry a population of 22.73 lakhs by 2031(Development Plan for Kochi city region {Draft (2031)). Roughly 68 percentage of the population, compared to about only 48 percentage in 2001, lives in urban areas in the Ernakulum district which is far beyond the state average. The urban population in Ernakulam is presently estimated to increase 4.2 percentages annually.

Rapid growth of India's urban population has put enormous strain on transport systems. The vehicle population in metropolitan cities is

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increasing tremendously in recent years leading to congestion in urban areas Construction of public transport facilities, especially Metro rail, Mono rail are under progress in many major cities.

Smooth and safe traffic is an indicator of a nations' sustainable development.Rapid growth of India's urban population has put enormous strain on our transport systems. The vehicle population in the country especially in metropolitan cities is increasing tremendously in recent years. This leads to heavy traffic congestion in urban areas and it is considered as one of the major cause of slow economic growth of nations. This is also termed as a potential cause of road accidents. Inability to forecast travel time accurately, leading to drivers allocating more time. Wastage of fuel due to increased idling, acceleration and braking increasing air pollution and emissions. All these lead to heavy economic lose and public health issues. Widening of existing roads and adopting new generation traffic system like metro rail are the best solution for traffic problems due to heavy volume of vehicles in cities and urban areas. But major widening of existing roads in cities is not possible due to large volume of displacement of residents and business establishments. This compelled Government's to go for Construction of viable public transport facilities, like Metro rail, Mono rail. India is having one of the fastest growing countries in the world. Studies are shows that thenext two years of growth in traffic has made India become the second largest Rail and Road Traffic network after China. The state of Kerala also shows the same trend in Road and Rail traffic. The Kochi metro rail project is the first metro rail project in the state. After one year of its operation, assessments show that it brings a new traffic and travel culture to the city and to the State. The volume of passengers using metro rail for their daily travel is increasing day by day. Kochi Metro Rail Corporation and Government of Kerala expecting a jump in passenger's volume after completion of the expansion project up to Petta, Thrippunithura. For availing Metro rail facility to more people especially those who are working in Government offices, Public limited Companies and Special Economic zone in Kakkanadu Government has a plan to extend Metro Rail to Kakkanadu from JNI stadium Kalloor. As a first step Government decided to widen the existing Palarivattom - Kakkanadu road (civil line road) and develop a pier location at the joining point of civil line road to National High way (NH 47). Compared to the socio economic benefit of the project the Government of Kerala notified it for land acquisition of public purpose.



#### 2.1.1. Implementing Agencies

#### 2.1.1.(a). Kochi Metro Rail Ltd(KMRL)

Kochi Metro Rail project has been planned by Government of Kerala. Special Purpose Vehicle called Kochi Metro Rail Ltd. (KMRL) is formed for the implementation, operation and maintenance of the Metro Project. Around 25 km length metro line with 22 stations with Maintenance Depot at Muttom will be developed between Aluva to Petta. The Kochi Metro system is an urban Mass Rapid Transit System (MRTS) that is being built to serve Kochi, the commercial capital of Kerala. Construction for its 25.12 km Phase 1A from Aluva to Petta with 22 stations started in June 2013 and completed in 2019. In 2014, a 1.92 km eastward extension to Tripunithura from Petta was approved to be included in Phase 1. The extension of Metro Rail Phase 1 from petta Junction to S.N. Junction was approved by the state government and construction work is expected to begin in 2019. Two main stations are included in the extension i.e. Vadakkekotta and S.N. Junction.

#### 2.1.2. Land Acquisition Authority

Land acquisition Special Thahasildar office (Kochi Metro) 1 wasprepared the acquisition details including land sketch and extent of acquisition etc. Boundary stones were laid for proposed acquisition lands except area.

### 2.2. Rationale for project including how the project fits the public purpose criteria listed in the Act.

The proposed extension of Kochi Metro rail from Petta Junction to S.N. Junction Thripunithura is having two major stations i.e. Vadakkekotta and S.N. junction. Vadakkekotta station is mainly targeting travelers from Vaikom, Kottayam, Alappuzha etc. and Thripunithura Municipality. The location of the station is very convenient to use metro rail by passengers.

### 2.3 Details of project size, location, capacity, outputs, production targets, cost, and risks.

Sl.No.	Risk Assumed	Approximate Quantity
1	Loss of land	0.9779 Hectares
2	Loss of trees	11
3	Loss of Drinking water source	2
4	Loss of part of drinking water sources	0

5	Loss of Structures	6
6	Loss of Part of Structures	4
7	Loss of Building	28
8	Loss of Part of Building	2
9	Loss of residential Land	2
10	Loss of Part of Residential land	0
11	Loss of Business	28
12	Loss of Parking area	3
13	Loss of Part of Parking area	0
14	Loss of Access	3
15	Loss of Part of Access	0
16	Loss of access to sub roads	2
17	Loss of Cultural Properties	0
18	Loss of part of cultural properties	0
19	Loss of community properties	0
20	Loss of Government properties	1

#### 2.3.1. Project Location

The project location is defined for the study is both sides of Vadakkekotta area of Ernakulam –Moovattupuzha road. (Between Petta Junction, Thrippunithura and S.N Junction, Thrippunithura.) Vadakkekkotta area is famous for its connection with Thrippunithura Fort of Kochi Kingdom. Many of the residents in the area is either relatives or administrators of Kochi Dynasty. Nearness of the famous Holy SreePoornathrayeesaTemble is also adding the importance of the project location. The project location is 700mts 300 mts and 100mts, from Thrippoonithura Railway station, Municippal Junction and The SreePoornathrayeesaTemble respectively. Land in the location is commercial in nature. The proposed metro rail station will further increase the commercial importance.

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#### 2.4. Phase of project construction

Process of Land Acquisition started and boundary stones fixed.

#### 2.5. Core design features and size and types of facilities.

Not Applicable

#### 2.6. Need for ancillary infrastructural facilities.

Not Applicable

#### 2.7. Work force requirements (temporary and permanent).

Not Applicable

### 2.8. Details of Social Impact Assessment / Environment Impact Assessment if already conducted and any technical feasibility reports.

Not Applicable

#### 2.9. Applicable law and policies.

Sl.No.	Laws & Policies	Area of Application
1	The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013.	
2	Land Acquisition Act 1893, Land Acquisition Act (Kerala) Rules 1990, Kerala Land acquisition Act 1961, Kerala Land Acquisition Act rules	Land acquisition
3	Kerala Shops and Establishment Act	Compensation



### CHAPTER 3 STUDY APPROACH AND METHODOLOGY

#### 3.1 Background

As per the Notification No.C. 12-1289/18/ Dated 16-10-2019 Government of Kerala has selected Saju.V.Itty, Executive Director Kerala Voluntary Health Service and his Team as the SIA Unit to study the Social Impact Assessment.

#### 3.2. Social Impact Assessment Team - Profile of Team Members

S1. No.	Name & Address	Designation in the SIA Team	Profile
1	Saju V. Itty	Team Leader	26 years experiences in social work, social survey including R&R experience in KSTP & Tsunami Rehabilitation. Conducted social research study on health child rights and rehabilitation & resettlement. Conducted SIA study for five sub projects of Kannur International Airport and Kanjirappally Bypass etc.
2	Rakesh R Nair	R & R Specialist & Social Investigator	11 years experiences in social work including social research, R & R activities and community mobilization.
3	Smitha R	R & R Specialist & Social Investigator	16 years experiences in social work including social research, R & R activities and community mobilization.
4	M.Ibrahimkutty	Sociologist	Rtd. Joint Director, Social Welfare Board.35 years of experience in social work.
4	Sheeba Johnson	Data Analyzer & Data entry	26 years experiences in social work and data entry operation.
5	N.Vijayakumara Pilla	L.A. Consultant	Rtd. Revenue Inspector
6	O.C.Chandi	L.A. Consultant	Rtd. Village Officer



#### 3.3. Study Approach

The land which proposed to be acquired for the project is owned by 30 Tittle Holders of Nadama village .Stake holder analysis was conducted and find out key stake holders and their interest and involvement in the proposed acquisition process. After the secondary data collection Social Impact Assessment Unit developed a questionnaire for social survey and visited all Tittle Holders and collected opinion, family details, Socio-Economic details and suggestions. Apart from this SIA team has conducted discussion and consultation with Local Body Representatives and local public and recorded their suggestions and opinion. The study also used transit walk and observation visit to crosscheck the suggestions and grievance which were recorded.

#### 3.4. Methodology& Tools

The study team reviewed the relevant and available documents in Special Thahasildar (LA-Metro) offices, Kakkanadu, KMRL, Taluk office, ThripunitharaMunicipality and Village Office. SIA unit had also examined the records and documents and made a site visit along with the land revenue officials for area identification and information dissemination. SIA team had also conducted a one to one discussion and consultation with all Tittle Holder. Although SIA team had collected details by using pre prepared questionnaire. SIA team also had discussion and consultation with Local Body Representatives and local public. The study Team also used transit walk and observation tools to crosscheck the Suggestions and grievance which were recorded.

#### 3.5. Sources of data collected

- a) Office of the Special Tahsildar (LA-Metro)
- b) Thripunithara Municipality
- c) Nadama Village office
- d) KMRL Office, Kochi.
- e) Project Affected Families and Tittle Holders.
- f) Local body leaders

#### 3.6. Process and Schedule of Activities

• 26-10-2019 – Government of Kerala entrusted Mr.Saju.V.Itty,Executive Director,Kerala Voluntary Health Services to conduct the SIA study (Notification dated 16/10/2019)

- 26-10-2019 Letter from Deputy Collector L A conducting Social Impact Study.
- 27-10-2019 Secondary Data Collection.
- 26-10-2019 2-11-2019 Social Survey
- 27-10-2019 & 28-10-2019 Public Consultation/ Discussion with Project Affected Tittle Holders.
- 01-11-201- & 02/11/2019- Transit Walk, Observational Study and Case Studies
- 03-11-2019 Draft Report Submission.
- 19-11-2019 Public Hearing

### 3.7. PointsRaisedduring Individual and Group Discussion with Tittle Holders

1) Time bound acquisition process will mitigate the impact.

2) The present level of Access to be resettled during and after the implementation of the project.

3) Reasonable compensation will provide for land, property and business loss.

4) Regular information will provide on progress of acquisition.

5) The business establishments in the area were affected business loss during the period of construction. This will be considered in the assessment of compensation.

6) Rehabilitation and Resettlement process will be well informed and ensure community participation and consultation.

### 3.8. Public Hearing- AdampillyBhagavathy Temple Trust Hall, Vadakkekotta, Ernakulam on 19/11/2019

Section 5 of Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, of 2013 envisages that whenever a SIA study is required to be prepared the Government shall ensure that a Public Hearing is held at the affected area to ascertain the views of the affected families to be recorded and included in the SIA Report. Rule 14 of the Rules, 2015, have prescribed detailed procedure for the conduct of the public hearing.

SIA Unit took special care to inform the affected people in the area about Public Hearing by taking various steps like Notification for conducting public hearing as per Form 5 Rule 14 (1) of the RTFCTLARR Act, 2013. The notification was published in two Malayalam News Paper Janayugam and Mangalam on 5th November 2019. A notice has been served with the affected families through speed post for informing about the public hearing. In continuation of this all project affected title holders contacted through phone calls. An elaborative SMS also send to all affected THs. The copy of notice was served to GramaPanchayat Office, Ward Members, Village Office,

Deputy Collector (LA, Ernakulam). Adequate copies of the SIA draft report and summaries were made available on the day of the public hearing. The major highlights of the study were presented in local language by Chairman, SIA Unit.

Municipal Councilors representing the project area Mr.Sabari, Mr.Arun and Ms.JayaParameswaren were also attended the meeting and express their views and suggestions. Dy.Collector, KMRL, Mr.Abraham Fix Jerald Michle, Special Thahasildar, Ms.Sindu, (LA-I), Mr.Gangadharan and Mr.MohandasPilla,CRO,KMRL, were also attended the meeting and cleared the doubts of the PAPs.

Sl.No	Points Raised / Suggestions	Analysis
1.	Mr.Arun, Municipal Councilor demanded to know the reason behind the large area acquisition for Vadakkekatta station.	Mr.Gangadharan,Representing Kochi Metro explained in details about the policy of Kochi Metro rail and Government of Kerala regarding the sustainability of Kochi Metro Rail. He told that the policy may reflect in the acquisition process.
2.	Mr.Arun and MrSabari Councilors of Municipality demanded a comprehensive rehabilitation package for displaced merchants/Business people.	The policy of KMRL and the SIA report recommended the same.
3.	MrVenugopal, and Ms. GeethaVenu Demanded pre-acquisition consultation and special package for resettlement of their residence. MrVenugopal also demanded a second time affected status during fixing of compensation.	and attention to the displaced
4.	Shop owners demanded a joint rehabilitation package.	Shop owners and their associations can initiate discussion with Government in this regard.
5.	Shop owners and Municipal councilors demanded priority in allotment of commercial spaces within stations.	KMRL Policy and SIA Report
6.	Shop owners, some title Holders and Municipal councilors requested KMRL to shift the major/commercial station plan from Vadakkekotta to Thripunithura Railway station.	support the suggestion
7.	The SIA study is not	SIA is not for assessment of

100	mentioning about the amount of compensation and the timeline of acquisition.	1
8.	The acquisition process will be completed in time bound manner.	<u>↑</u>
9.	Excavation and filling may affect the safety of the Residence nearby.	The matter will be considered during the
10.	Necessary Compensation will be provided for the loss of land and structures.	The SIA report and R&R policy
11.	Ms Jaya Parameswaran, Municipal Councilor and PAPs demanded that Water drainage and Sub road access will be resettled.	The report also recommended the same.



#### CHAPTER 4 LAND ASSESSMENT

#### 4.1. Description of the land

The project location is defined for the study is both sides of Vadakkekotta area of Ernakulam –Moovattupuzha road. (Between Petta Junction, Thrippunithura and S.N Junction, Thrippunithura.) Vadakkekkotta area is famous for its connection with Thrippunithura Fort of Kochi Kingdom. Many of the residents in the area is either relatives or administrators of Kochi Dynasty. Nearness of the famous Holy SreePoornathrayeesaTemble is also adding the importance of the project location. The project location is 700mts 300 mts and 100mts, from Thrippoonithura Railway station, Municippal Junction and The SreePoornathrayeesaTemble respectively. Land in the location is commercial in nature. The proposed metro rail station will further increase the commercial importance.

#### 4.2. Entire area of impact under the influence of the project.

The proposed project aimed to develop a metro rail station at Vadakkekotta. The area which needs to acquire is one of the commercial area of Thripunithura Municipality. The project location is 10km from Ernakulam North Railway station and 36 km from Kochi International Airport. The project area is totally commercial in nature and having private and government properties. The project may further increases the commercial value of the area.

#### 4.3. Total land requirement for the project.

The total land acquiring for the project is 0.9779Hectare. Twenty eight holdings will expect to be affected.

4.4. Present use of any public utilized land in the vicinity of the project area.

Not Applicable.

4.5. Land (if any) already purchased alienated, leased or acquired and the intended usefor each plot or land required for the project.

Not Applicable

4.6. Quantity and location of land proposed to be acquired by the project.

The project location is defined for the study is both sides of Vadakkekotta area of Ernakulam –Moovattupuzha road. (Between Petta Junction, Thrippunithura and S.N Junction, Thrippunithura.) Vadakkekotta area is

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famous for its connection with Thrippunithura Fort of Kochi Kingdom. Many of the residents in the area is either relatives or administrators of Kochi Dynasty. Nearness of the famous Holy SreePoornathrayeesaTemble is also adding the importance of the project location. The project location is 700mts 300 mts and 100mts, from Thrippoonithura Railway station, Municippal Junction and The SreePoornathrayeesaTemble respectively. Land in the location is commercial in nature. The proposed metro rail station will further increase the commercial importance.

### 4.7. Nature, present use and classification of land and if agricultural land, irrigation coverage and cropping patterns

Sl.NO.	Nature of land	Present Use of Land	Irrigated / Non irrigated	No. of Holding s
1.	Dry	Commercial	Irrigated	23
2	Dry	Government land	Irrigated	1
3	Dry	Residential	Irrigated	4
4	Dry	Residential and commercial	Irrigated	2

### 4.8 Size of holding ownership pattern land distribution and number of residential houses.

Land holding size in the project area is under the state average. The following figure shows the pattern of holding.

Size of Holdings	No. of Holdings
10 cent≤	11
10- 20 cents	7
20 - 30	7
30 – 40	2
Above 40 cents	3
Total	30

### 4.9 Land prices and recent changes in ownership, transfer and use of lands over the last 3 years.

Not Applicable



### Chapter 5 Estimation and Enumeration of affected family and assets

#### 5.1. Families which are directly affected.

The social Impact Assessment Survey finds that 58 families both titleholders and non-title holders are affected by the project. Three residential houses including one residential cum commercial, one exclusive residential and one residential rental are displaced by the project. Out of it the total title holder of exclusive residential building is economically vulnerable. The socio-economic details show that all the title holders except two are economically non vulnerable in status. None of the project affected families are belongs to scheduled cast or scheduled tribe. Twelve Title Holders are women. All THs are having educational qualification of above 10th Standard. In case of Non Title Holders seven are women. Out of 28 NTHs 14 are having small business and having monthly income less than Twenty Thousand. None of the Title Holders or Non -Title Holders is illiterate. Many of the holdings are ancestral property. Some holdings are having joint ownership.

#### 5.2. Families which are indirectly affected by the project.

In and around Vadakkekotta is one of the famous residential area of Thripunithura Municipality. The area is also important because of its nearness to Holy Temple. The project positively impacted the transport facility of the people living in this location and increases the commercial value of land. In the other side access of people living in the area are also attended, but by implementation resettlement measurers these impactcan be mitigated.

#### 5.3. Inventory of productive assets and no significant lands.

All affected land holdings under the project is High level of Commercial in nature which is productive and significant.



### Chapter 6 SOCIO ECONOMIC AND CULTURAL PROFILE

#### 6.1. Demographic Details

The Socio Economic and Cultural profile of the area shows that 97% of the affected families are Hindus and others belongs to Christian and Muslim community.

#### 6.2. Age wise distribution of TH

Age of THs	No of THs
20-30	0
31-40	1
41 – 50	3
51 – 60	7
61 – 70	12
Above 70	6
Not Applicable	1
Total	30

#### 6.3. Gender wise Distribution of TH

Gender	No of TH
Male	17
Female	12
Not Applicable	1
Total	30

#### 6.4. Family size of THs

Not Applicable <b>Total</b>	30	
Not Applicable	1	
Above 7	0	
5-7	9	
3-4	15	
0-2	5	
Family Size of THs	No of Families	

#### 6.5. Educational Qualification of THs

Educational Qualification	No of THs	
Below 10	O RALAD	1
SSLC	17 /4	(2)
PDC	2 //*/MULI ANKLIZU	10.1

Total	30
Not Applicable	1
PG	1
DEGREE	9

#### 6.6. Religious Distribution

Muslim Christian	6
Not Applicable	1
Total	30

#### 6.7. Economic Distribution of THs

Economic Status of THs	No. of TH
APL	24
BPL	5
Not Applicable	1
Total	30

#### 6.8. Occupational Distribution THs

Major Occupation of THs	No of TH
Agriculture	0
Business	10
Government service	4
Private Job	8
Other	7
Not applicable	1
Total	30

#### 6.9. Income distribution of THs

Total	30
Not Applicable	1
Above 50,000	8
40,000 - 50,000	2
30,000 - 40,000	4
20,000 - 30,000	9
10000 –20,000	6
Below 10000	0
Monthly Income of THs	No of THs

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#### 6.10. Socio Economic Profile of Project Affected Family Members.

#### 6.10.1. Age wise distribution of PAF Members

Age of PAF Members	No of PAF Members
<10	6
11-20	12
21-30	20
31-40	21
41 - 50	20
51 - 60	21
61 – 70	23
Above 70	8
Total	131

#### 6.10.2. Educational Qualification of PAF Members

Educational Qualification	No of PAF Members
Below 10 <sup>th</sup>	18
10 <sup>th</sup>	23
+2	30
Degree	35
PG	9
Professional	10
Others	6
Total	131

#### 6.11. Non - Title Holders

In case of Non -Title Holders four are women. Out of 28 NTHs 14 are having small business and having monthly income less than twenty Thousand.20 of them have running business in the project area in last 20-25 years. Four are having business in last 40 years. Ten of the NTHs are having more than four dependents. All are the bread winners of their family. All are having education qualification above 10<sup>th</sup> Std. The displaced petrol pump is the major business loss identified. The lowest loss identified as the loss of parking area.



### CHAPTER 7 SOCIAL IMPACT MANAGEMENT PLAN

### 7.1. Approach to Mitigation/ Measures to avoid, mitigate and compensate impact

Sl.No.	Risk Assumed	Approach	Mitigation Strategy
1	Loss of Residence	Rehabilitation and Resettlement.	Compensation and Rehabilitation.
2	Loss of Commercial Building	Compensation	Compensate the loss
3	Loss of Part of Building	Compensation	Compensate the loss
4	Loss of land	Compensation	Compensate the loss.
5	Loss of Structure	Compensation	Compensate the loss.
6	Loss of Part of Structure	Compensation	Compensate the loss.
7	Loss of Business	Compensation	Rehabilitation -
8	Loss of Jobs	Compensation and Rehabilitation.	Resettlement and Rehabilitation
9	Loss of Trees	Compensation	Compensate and Plant equal number of trees in Government land.
10	Loss of parking area	compensation	Compensation
11	Loss of Access	Control	Conduct technical study and include in rehabilitation package
12	Loss of Access to sub roads	Control	Conduct technical study and include in rehabilitation package
13	Loss of drinking water sources	Control	Compensation and resettlement
14	Loss of Essential Amenities	Control	Conduct technical study and include in rehabilitation package
15	Loss of Government properties	Re Settle	Resettle
16	Formation of un useful bit lands	Control	Acquire and compensation.
17	Loss of Lively hood	Compensation/support	Compensation and Support.
18	Involved in land acquisition process	Control	Ensure community participation in the whole process.
19	Grievance	Control	Functional grievance

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			redressal committee at village and district level.
20	Productive use of land after acquisition	Control	Include concessions and suggestions in compensation package.

### 7.2 Measures those are included in the terms of Rehabilitation and Resettlement

The requisition authority and land acquisition officers are having vast experience in land acquisition and implementation of rehabilitation and resettlement plans. The special area of rehabilitation and resettlement of the proposed project is the resettlement of access and rehabilitation of displaced residents. Special resettlement plan is needed for an effective resettlement of the above issues.

### 7.4 Measures that the Requiring Body has stated it will introduce in the Project Proposal

Not Applicable

7.5 Alterations to project design and additional measures that may be required to address the extent and intensity of impacts across various groups as identified during the Social Impact Assessment Process.

Not Applicable

#### 7.5 Detailed Mitigation Plan

Potential Impact	Positive/ Negative	Likely hood	Magnitude	Pre-Mitigation Level of Impact	Post – Mitigation Level of Impact
Loss of land	Negative	Possible	Major	High	Medium
Loss of Building	Negative	Possible	Major	Medium	Medium
Loss of part of Building	Negative	Possible	Moderate	Medium	Medium
Loss of structures	Negative	Possible	Moderate	Medium	Medium
Loss of Part of structure	Negative	Possible	Major	Medium	Medium
Loss of Business	Negative	Possible	Low	Minimum	Low
Loss of employment	Negative	Possible	Low	Minimum	Low



Loss of Parking Areas	Negative	Possible	Major	High	Medium
Loss of access to properties	Negative	Possible	Moderate	High	Medium
Loss of access to sub roads.	Negative	Possible	Low	Minimum	Low
Involved in land acquisition process	Negative	Possible	Low	Medium	Low
Grievance	Negative	Possible	Low	Minimum	Low



#### **CHAPTER 8**

### SOCIAL IMPACT MANAGEMENT PLAN AND INSTITUTIONAL FRAMEWORK

#### 8.1- Institutional structure for key personal

Key persons responsible for mitigation	Role in mitigation		
District Collector	Compensation & Grievance redress		
Deputy Collector (L.A)	Compensation		
Special Thahasildar	Compensation		
District Forest Officer	Compensation measurement for trees		
Requisition Authority	Resettlement of access and structure valuation		



### CHAPTER 9 SOCIAL IMPACT MANAGEMENT BUDGET AND FINANCING OF MITIGATION

#### 9.1 Costs of all resettlement and rehabilitation costs

Not Applicable

9.2 Annual budget and plan of action

Not Applicable

9.3 Funding sources with breakup

Not Applicable



### CHAPTER 10 SOCIAL IMPACT MANAGEMENT PLAN MONITORING AND EVALUATION

#### 10.1. Key Monitory and Evaluating Indicators

- Participation of TH in DLPC meeting
- Number of direct purchase happened.
- Methodology of fixing compensation
- Resettlement of Access
- Formation of Grievance Redressal Committee
- Number of Grievance Redressal Committee meetings and decisions
- Number of Court cases
- Time required for rehabilitation and resettlement
- -- Time span of completion of La

#### 10.2. Reporting mechanisms and monitoring roles

Not Applicable

#### 10.3. Plan of Independent Evaluation

Not Applicable



#### CHAPTER 11

### ANALYSIS OF COSTS AND BENEFITS ANDRECOMMENDATION ON ACQUISITION

Loss of residents of two title holders, loss of land and structure of 30 title holders, loss of business of 28 Non-Title holders and loss of access of few residents are the major impact of the project. One residential rented house also will be displaced. Most of the THs lost their land for the widening of road as part of the extension of metro rail from Petta Junction to SN Junction. Therefore this is the second loss due to the same project. Most of the affected buildings were resettled after the first phase of acquisition in terms of access, parking area, frontage etc. The present project is the integral part of the first phase of Metro Rail Project. Therefore for some of the Title Holders and Non -Title holders the present acquisition is the second consecutive acquisition of the same project. This fact will be considered during the fixation of compensation or compensation package. The displaced residential title holders claimed that they do not have any other property other than the affected one. Therefore advanced information and detailed plan of rehabilitation is necessary to mitigate the impact. Residential and property access of many families are affected by the project. An advanced plan of access resettlement and its integration to the project implementation will avoid anxiety of people living in the area. One petrol pump is totally displaced by the project. Shifting of underground tanks, business loss, loss of jobs etc are to be addressed in the case. For some Title holders the entire land and property in the area will be displaced by the project. The cases of displacement will be treated as special category because others may benefited after the completion of the project in terms of appreciation in land and property value etc. Some of the shops and commercial establishments are having good will in terms of the place they do business. Shifting from the place may lose their business. This will be addressed during the time of fixing compensation. More than ten shops and establishments are displaced due to the project, if the parties agree joint rehabilitation and resettlement strategies can be initiated

#### Annexures

- 1. List of PAFs.
- 2. Gazette Notification regarding SIA study.
- 3. Photographs Field Investigation
- 4. Notice
- 5. News paper Notification
- 6. Attendance public hearing



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			(MM) 20				* MULLANKUZHY   *

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91	16	0.0103	ദേവസ്വം ഓഫീസർ ദേവസ്വം തൃഷൂണിത്തുറ കൊച്ചിൻ ദേവസ്വം ബോർഡ്	8594029554	പാർക്കിംഗ് ഏരിയ	പാർക്കിംഗ് ഏരിയ ചുറ്റുമതിൽ	ഇടതു വശം
71	30 29-2	0.0100	ബാലക്യഷ്ണൻ പി.എൻ. ശ്രീപദം, opp N.S.S.B ഹൈ സ്കൂൾ, വടക്കേക്കോട്ട, ത്യഷ്യണിത്തുറ	6238484188 9746624277 0484 2785797	കുദ്ദയിടംകെട്ടിടം	പുരയിടം കെട്ടിടം (വാണിജ്യം) ചുറ്റുമതിൽ	വലതു ഭാഗം
18	30/2		രാജു <b>L.S.</b> ഇല്ലത്തുപറമ്പ് , ശാസ്ത്രി നഗർ 6 മരട്	8921585251	കെട്ടിടം	കെട്ടിടം (വാണിജ്യം)	വലതു ഭാഗം
19	1018/1 1018/2 29	0.3871	വത്സല കേശവ മേനോൻ എം. മഞ്ചു മുല്ലപ്പിള്ളിൽ. വടക്കേകോട്ട, തൃഷൂണി ത്തുറ മുട്ടത്ത് ഹൗസ്, മുട്ടം ലൈൻ, കട വന്ത	9400506574	കെട്ടിടം	പുരയിടം കെട്ടിടം (താമസം - വാടക) ചുറ്റുമതിൽ	വലതു ഭാഗം
20	29/7		ദേവദാസ് ചി.വി. പരയന്താഴ്ചത്ത്, എരുൂർ പി.ഓ., ത്യപ്പട്ട ണിത്തുറ	9495819398	കെട്ടിടം	കെട്ടിടം (വാണിജ്യം)	വലതു ഭാഗം
21	29/		റ്റി.കെ.പത്മാവതി തോട്ടയിൽ ഹൗസ്, എരൂർ വെസ്സ്, ത്യഷൂണിത്തുറ	9567379147	കെട്ടിടം	കെട്ടിടം (വാണിജ്യം)	വലതു ഭാഗം
22	29/4	1	നിഹാസ് പി.ജി. പൊന്നാടഷറമ്പിൽ ഹൗസ്, രാജീവ്ഗാന്ധി ലൈൻ, മരട് പി.ഓ.	9526995231	കെട്ടിടം	കെട്ടിടം (വാണിജ്യം)	വലതു ഭാഗം
23	53		പത്മിനി ശിവശങ്കരൻ അറക്കഷറമ്പിൽ ബിൾഡിംഗ്, ആദംപി ഉളിക്കാവ് റോഡ്, വടക്കേകോട്ട, തൃഷൂണിത്തുറ	9633086529	കെട്ടിടം	കെട്ടിടം (വാണിജ്യം)	CLEIMS 65000

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24	29		സുധീർ സി.കെ.	8089369109	കെട്ടിടം	കെട്ടിടം	വലതു ഭാഗം
			അജയഘോഷ് സി.കെ.			(വാണിജ്യം)	E
			ചിറയിൽ ഹൗസ്,	ě			
			മഞ്ഞേലിഷാലം, എരൂർ വെസ്റ്റ് പി.ഓ.				
			ത്യഷൂണിത്തുറ				
25	29		തങ്കമ്മ റ്റി.കെ.	8281946318	കെട്ടിടം	കെട്ടിടം	വലതു ഭാഗം
			തൊടുവയിൽ, ആലഷാട് ക്രോസ്			(വാണിജ്യം)	
			റോഡ് ,രവിപുരം				
26	222/45	0.0019	മേരി മാത്യു	9746401570	കെട്ടിടം	കെട്ടിടം	വലതു ഭാഗം
			മേലോട്ട് കൊച്ചിയിൽ	0484 2776697		(വാണിജ്യം)	6
			ഇരുമ്പനം പി.ഓ				
27	9	0.0080	ഭാരതി വി.	9847185040	வதி	വഴി	വലതു ഭാഗം
			ശ്രീഹരി, വെള്ളക്കാട്ട്, വടകേകോട്ട,				
			ത്യഷൂണിത്തുറ				
28	1/2101	0.0288	റ്റി.കെ.നന്ദൻ	8547375459	കെട്ടിടം	കെട്ടിടം	വലതു ഭാഗം
	5/2		ശ്രീലക്ഷ്മി, സാൻസ്ക്രിറ്റ് കോളേജ്			(വാണിജ്യം)	
			റോഡ്, വടകേകോട്ട, ത്യപ്പൂണിത്തുറ			ചുറ്റുമതിൽ (ഭാഗീ	
						(00)	
29	1/2101	0.0120	സിനി ജോസഫ് ( സിനി	9847035272	കെട്ടിടം	കെട്ടിടം - ബഹുനില	വലതു ഭാഗം
	4		ആൻഡ്രൂസ് )			(വാണിജ്യം)	
			വെമ്പനാട്ട് വീട്ടിൽ, പുതിയകാവ്,			*1	
			ത്യഷൂണിത്തുറ			Albert 1	
30	BL 222/3	0.0295	വി.ഗൗരി, എസ്. മീന, എസ്.ഹരി	9061000115	കെട്ടിടം	കെട്ടിടം	വലതു ഭാഗം
	-51		എസ്. ശ്രീധർ			ബഹാനില	
			തുളസീദളം, കിഷാത്ത് ലൈൻ,	91		(വാണിജ്യം)	
			<u>ක</u> ො <u>ട</u> ු කා කං,				
			ത്യഷൂണിത്തുറ				
						4	D NLA 7

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# പദ്ധതി ബാധിതരുടെ പേരു വിവരങ്ങൾ (വാടകക്കാർ)

# നടമ വില്ലേജ് - വടക്കേക്കോട്ട

ക്രമ നം.	വസ്തു ഉടമസ്ഥന്റെ / ഉപഭോക്താവിന്റെ വിവരങ്ങൾ	ന്റെ	വസ്തുവിന്റെ ഉപയോഗം
	പേരും മേൽവിലാസവും	ഫോൺ നമ്പർ	Side (R & L)
	കിച്ചൻ ഫോർ ഹോമ്സ് കൈൻകുമാർ കെ.ബി വലിയപറമ്പത്ത് റോഡ്, എസ്. സി. റോഡ്, ത്യഷൂണിത്തുറ	9846288856	ബിസ്നസ്സ് ( <b>R)</b>
	ലത ജയൻ 8 F, JM പാലസ് , വടക്കേകോട്ട, തൃഷ്യണിത്തുറ	9847155333	ചിന്നുസ് ഫാൻസി( <b>R)</b>
	കെ.ബി.ജയൻ 8 F, JM പാലസ് , വടക്കേകോട്ട. ത്യപ്പൂണിത്തുറ	9847155333	ചിന്നുസ് ഹോട്ടൽ( <b>R)</b>
	സിഞ്ചു ലെനി കീരംപിള്ളി ഫൗസ്, നോർത്ത് പറവൂർ	9562203995	ലോട്ടറി കട( <b>R)</b>
	അജിമോൾ പി.എൻ. പറയന്താഴ്യത്ത് , എദ്ദൂർ വെസ്സ് പി. ഓ	9495819398	ബോക്കറി( <b>R)</b>
	റൂബൻ പി. മടത്തിക്കാട്ടിൽ ഹൗസ്എം.എൽ.എ.റോഡ്, ഉദയംപേരൂർ, സൗത്ത് പറവൂർ പി. ഓ	9562196060	അറ്റയർ( <b>R)</b>
	പി. മോഹനൻ ശ്രീനിലയം, കുഞ്ചാട്ടുകര, എടത്തല പി. ഓ. ആലുവ	9567721400	ദേവീ ഒട്ടോമോബൈൽ(R)



8	ലിസി എം. ദേവസ്യ തൊടുവയിൽ ഹൗസ്, ഉദയംപേരൂർ, നടക്കാവ്	9567227767	ഫാൻസി സ്റ്റോർ( <b>R)</b>
6	ജ്യെയിംസ് വിൻസന്റ് മാങ്കൂട്ടത്തിൽ ഫൗസ്, കുരിക്കാട്, തിരുവാങ്കുളം പി.ഓ.	9846719161	അജ്യയ് ഫോം അഷ്ളയ്ൻസ് (R)
10	ഫയാസ് ഖാൻ ഓരതീയ് സംഗീത് വിദ്യാലയ് , 29/39 പീടികഷറമ്പിൽ, വടക്കേകോട്ട	984729352	ഭാരതീയ് സംഗീത് വിദ്യാ ലയ് ( <b>R)</b>
	ക്യഷ്ണകുമാർ പള്ളിയിൽ ഹൗസ്, പൊയ്ൻ പ്ളാശ്ശേരി ലൈൻ, രവി പുരം - 682 016	9446511648	
	കെ.പി. ഹരികുമാർ മഞ്ചരി, മുക്കോട്ടിൽ, ടെമ്പിൽ റോഡ്, പൂണിത്തുറ	984705221	
	റ്റി. സി. ശിവറാം, തെക്കേചിറവള്ളീയിൽ, ചെറുവള്ളി, ആസാദ് റോഡ്, കൊചിൻ		
п	ശ്രീഹ്യദ്യ ഫ്യൂവൽസ് ഇ.എൻ.എൽ. മേനോൻ മുദായിക്കര ഹൗസ്, വടവുകോട്.	9447780970	പെട്രേൾ പമ്പ്(R)
12	കിട്സ് സോൺ രാജ്യേന്ദ്രമേനോൻ കുടിലിങ്കൽ ഹൗസ്, മുളന്തുരുത്തി, പെരുമ്പള്ളി പി.ഓ.	8848446323	തുണിക്കട( <b>R)</b>

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	അരുണ്ദ് ചി.കെ	8086073715	ഇൻഡൻ പോക്ക് (മ)
	ഇൻഡസ് ബാങ്ക്, വടകേകോട്ട		- 1
14	സാം ജോസഫ്, വേലശേരി ഹൗസ്, മുണ്ടംവേലി	9020127577	ടെയ്ലറിംഗ് ഷോഷ് (R)
15	ബാലചന്ദ്രൻ, ഗായത്രിമഠം തരുള്ളതിത്താറ - 682 301	8129963232	ഉഡുഷി ഹോട്ടൽ (R)
16	ബെഡ് 6 ബിയോൻഡ് മാർട്ടിൻ എം.ജോസഫ്	9895183287	ബെഡ് & ബിയോൻഡ് (L)
71	മൂഴയിൽ ഫൗസ്, കടവ്യയ, എളായുള്ള സ്പാൻ ഹെൽത്ത് കെയർ Pvt. Ltd. സഞ്ജയ് ഹഗണപതി ജോമോൾ ജോർജ്	9745233318	സ്പാൻ ഹെൽത്ത് കെയർ (L)
18	വി.ജി.സുനിൽ 7/420 ഡി. എഡ്ജസന്റ് കണ്ടകർണ്ണ ക്ഷേത്രം കണ്ടകർണ്ണ ക്ഷേത്രം റോഡ്	9447305000	(L) വാക്ക് ഇന്ത്യ ഗ്ലോബൽ
19	ശ്രീനി റ്റി.എം. തെക്കേപള്ളിയോട പറമ്പ്, എരുർ വെസ്റ്റ് പി.ഓ. ത്യഷൂണിത്തുറ	9847307544	്രാർഡ് വെയർ (L)
20	വിജയക്യഷ്ണൻ. ഫ്രൈയ്റോ ലോജിസ്റ്റിക് പ്രെവറ്റ് ലി.	9446716482	
21	രഞ്ജിത്ത് കോശി ഫ്ളാറ്റ് നമ്പർ 24, ഗുഡ് എർത്ത്, മാവേലി പരം, കാക്കനാട്	9847036936	ഫൈജീൻ ഷോപ്പ് ( <b>L)</b>
22	ജിക്കു ഫൈസക്,	9746134657	എക്സൽ ഇന്റർനാഷ്ണൽ

ULLANKUZHY OTTAYAM 2

	എക്സൽ ഇന്റർനാഷ്ണൽ 16/99 100 വടക്കേകോട്ട മെയിൻ റോഡ്, ത്യഷ്യണിത്തുറ		(L)
23		9744149491	വർക്ക്ഷോപ് (L)
24	ന്ധുനിത മോട്ടി എളൂർ ഹൗസ്, കോലഞ്ചേരി - 682 311	9895300043	ന്യൂ ഹൈടെക് ഡയന്നോ സ്റ്റിക് സെന്റർ
25	ജിജി ഷാജി, കീലമ്പറപറമ്പ്, മരട്, തുരുത്തി ടെമ്പിൽ റോഡ്	9349293495	ബ്യൂട്ടിപാർലർ
26	ശ്രീകുമാർ പി. ശ്രീനിലയം, ആദംപിള്ളിക്കാവ്, , വടക്കേക്കോട്ട	9847087938	പ്രെഡ് ഫെസിലിറ്റി സർവ്വീസ്
27	കെ.ഗോപാലക്യഷ്ണൻ ബാലചന്ദ്രൻ, രഘുനന്ദൻ കാരുളിൽ ഹൗസ്, കാരുളിൽ ലൈൻ, മാർക്കറ്റ് റോഡ്, തഷ്രണിത്തുറ	9995190610	കേരള സ്റ്റോർ
28	ഷാജി ഇ. ഏരിയ്ട്ട് ഹൗസ്, ചൈതന്യ നഗർ, ലൈൻ- 6 ത്യപ്പൂണി ത്തുറ	9567909050	ന്യൂഗ്രാന്റ് ബേക്കറി
29	കെ.സതേഷ്, ഈസ്റ്റ എഴുത്തുള്ളിൽ ഹൗസ്, ആലപ്പാട്ട് ക്രോസ് റോഡ് , കൊച്ചിൻ 682 016	9447022006	എസ് . എം, ആഡ്സ്,
30	പ്രദീപ് സി. ആർ. ഫോട്ടൽ ശ്രീ. ശരവണ ഭവൻ, എൻ.എഫ്,ഗെയ്റ്റ്, ത്യപ്യൂ ണിത്തുറ - 682 301		



### VADAKKEKOTA -LEFT SIDE













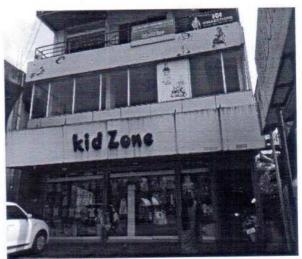


# VADAKKEKOTTA- RIGHT SIDE









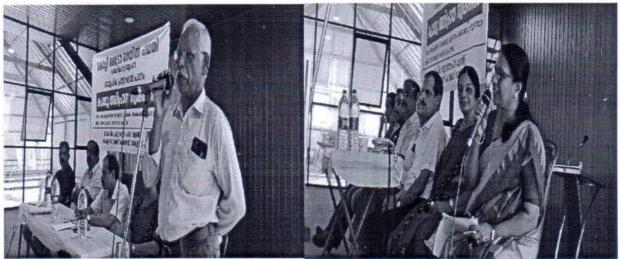






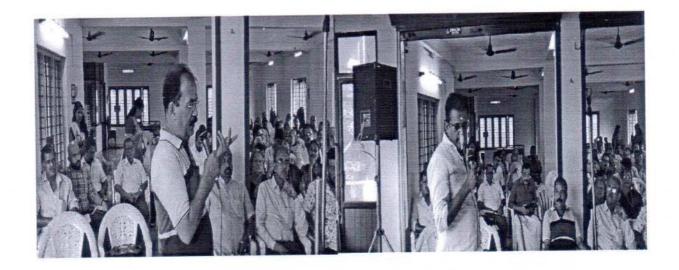
### **PUBLIC HEARING**

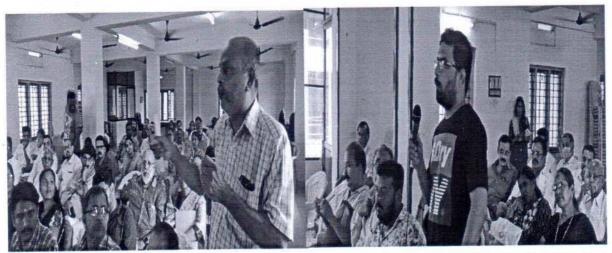


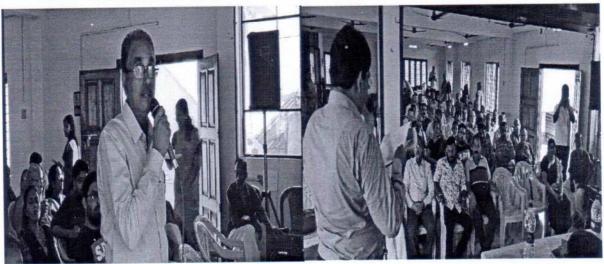














# **ജനയുഗം** 2019 നവംബർ 5 ചൊവ്വ

1195 <u>ഇലാം 19 m 1941 കാർത്തികം 14 m 1441 റബി ഉൽ അവ്വൽ 7</u>

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പുസ്തകം 18 ലക്കം 300 2019 നവംബർ 5 ചൊവ്വ EKM

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	07	81	0.0075	ഗ്രീത്ര മവണം, അഞ്ചാരത്താം തൊണ്ടിപ്പാമ്പി വേദ
	16/2,21		0,6106	രാതു ഹിറ്റർ, കോച്ചാപ്പിള്ളിൽ, ആറേടി ഹിറ്റർ,
			9.0017	2003
8	68	24	9,0004	ടംവാത്ത തു നായട്ടുത്ത് ചാൻ. അതിത്ത് മുമാർ വി. കെ. കവിത ഹൗസ്, കേളപ്പൻ
5	79/2,78, 79/3	n	9,1905	metamonal, mana
*	89		0,0183	സോ കെ നാരകുമാർ, പ്രിയാർത്തി, അറക്കുമ്പിൽ ശ്രമീയൻർ, പാരത്തുപാനൽൽ
4	1/84	91	0.0084	പ്പ് റ്റ് തോണ് പുള്ളത്ത് പാണർ,
	810/4, 20	*	0.0056	വായങ്ങള്, വോഡി, യവി, വേയനു, യോഷ്കുമാർ, യധ്യ, മാവേഴായു
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12		100	0.0165	non amparamental anatural,
	30, 29-2, 30/2	"	0.0100	ബാലകൃഷ്ണൻ പ്രാള് , ശ്രീഷം, മാജ്യ കർ. ഇല്ലയും നമ്പ്
54	1016/1, 1016/239/3, 20/4, 29	1	0.3821	ന്ത്രായ കോരവ മെനോൻ, എം മഞ്ചു, വ്യവ്യപ്പിയ്ക്കിൽ അമാരാസ് പി.വി. പായന്താഴങ്ങ്, ഗ്രി.കെ.പ്രതാസ് യാട്ടങ്ങ് ഹൗസ്, സംരാസ് പി.ജി. കാരനാടപ്പാന്ത്രി ഫൗസ്, പത്തിന് ശിവശ്യാൽ, അവക്യുന്നിൽ തിരിഡിൻ, സ്വവീർ സ്.കെ., അവേഴ്വാൻ സി.കെ., പ്രായർ ഫൗസ്, തര്മെ റ്രി.കെ., തോരുവരിൽ.
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10	80.222/3-61		0.6295	വിഗൗരി, എസ്. ജീന, എസ്.ഹരി, എസ്. ശ്രീഖർ, താലാരിന്തര
20	19, 76	903096 (0000	0.0103	യാവന്ത്രം ഓഫീസർ, ദേവസം തുപ്പണിയുന കൊപ്പിർ യാഗസം ജ്യാർഡ്
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Regn.No. KERBIL/2012/45073 dated 05-09-2012 with RNI Reg No.KI/TV(N)/634/2018-20

# കേരള ഗസറ്റ് KERALA GAZETTE

# അസാധാരണം

**EXTRAORDINARY** 

ആധികാരികമായി പ്രസിദ്ധപ്പെടുത്തുന്നത് PUBLISHED BY AUTHORITY

വാല്യം 8 Vol. VIII തിരുവനന്തപുരം, ബുധൻ

Thiruvananthapuram, Wednesday 2019 ഒക്ടോബർ 16 16th October 2019

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**1941 ആശ**ിനം **24** 24th Aswina 1941 നമ്പർ No. 2454

ഫോറം നമ്പർ 4 [റൂൾ 11(3) കാണുക]

വിജ്ഞാപനം

നമ്പർ സി 12-1289/18.

2019 ഒക്രോബർ 1.

കേരള സർക്കാർ 4-12-2015-ലെ സ. ഉ (സാധാരണ) നമ്പർ 649/2015/റ.വ. വിജ്ഞാപന പ്രകാരം 2013-ലെ ഭൂമി ഏറ്റെടുക്കലിൽ ന്യായമായ നഷ്ടപരിഹാരത്തിനും സുതാര്യതയ്ക്കും പുനരധിവാസത്തിനും പുനഃസ്ഥാപനത്തിനുമുള്ള അവകാശ ആക്ട് (കേന്ദ്ര ആക്ട്, 30, 2013) പ്രകാരമുള്ള കളക്ടറുടെ ചുമതലകൾ നിർവ്വഹിക്കാൻ എറണാകുളം, കൊച്ചി മെട്രോ റെയിൽ പ്രോജക്ട്, പൊന്നുംവില തഹസിൽദാർ (എൽ. എ) നമ്പർ 1-നെ നിയമിച്ചിരിക്കുന്നതിനാലും;



ഇതോടൊപ്പമുള്ള പട്ടികയിൽ വിവരിച്ചിട്ടുള്ള ഭൂമി ഒരു പൊതു ആവശ്യത്തിന്, അതായത്, കൊച്ചി മെട്രോ റെയിൽ പ്രോജക്ടിന്റെ വടക്കേക്കോട്ട സ്റ്റേഷനുവേണ്ടി ആവശ്യമുണ്ടെന്നോ, ആവശ്യമുണ്ടായേക്കാമെന്നോ, ജില്ലാ കളക്ടർക്ക് ബോധ്യമാകുന്നതിനാലും;

2013-ലെ ഭൂമി ഏറ്റെടുക്കലിൽ ന്യായമായ നഷ്ടപരിഹാരത്തിനും സുതാര്യതയ്ക്കും പുനരധിവാസത്തിനും പുനഃസ്ഥാപനത്തിനുമുള്ള അവകാശ ആക്ട് (കേന്ദ്ര ആക്ട്, 30, 2013) 4-ാം വകുപ്പ് (1)-ാം ഉപവകുപ്പിലും വ്യവസ്ഥകൾക്കനുസൃതമായി, ജില്ലാ കളക്ടർ, താഴെ പട്ടികയിൽ പറയുന്ന സ്ഥലത്ത് ഒരു സാമൂഹ്യപ്രത്യാഘാത വിലയിരുത്തൽ നടത്തുന്നതിന് തീരുമാനിച്ചിരിക്കുന്നതിനാലും;

ഇപ്പോൾ, തൻമൂലം, ജില്ലാതല സാമൂഹ്യ പ്രത്യാഘാത വിലയിരുത്തൽ യൂണിറ്റായ കേരള വാളണ്ടറി ഹെൽത്ത് സർവ്വീസസ്, കോട്ടയം എന്നവരെ നിയമം അനുശാസിക്കുന്ന രീതിയിലുള്ള സാമൂഹ്യ പ്രത്യാഘാത നിർവ്വഹണ പദ്ധതി തയ്യാറാക്കുന്നതിനും ചുമതലപ്പെടുത്തിയിരിക്കുന്നു. ഈ പ്രക്രിയ ഒരു മാസത്തിനകം തീർക്കേണ്ടതാണ്.

പട്ടിക

## *ജില്ല*—എറണാകുളം.

*താലൂക്ക്*—കണയന്നൂർ.

*വില്ലേജ്*—നടമ.

## (ഏകദേശ വിസ്തീർണ്ണം തന്നിരിക്കുന്നു)

ക്രമനമ്പർ	വില്ലേജ്	ബ്ലോക്ക് നമ്പർ	സർവ്വേ നമ്പർ	വിവരണം	വിസ്തീർണ്ണം (ഹെക്ടർ)
A	В	С	D	Е	F
1		222	3 Pt	പുരയിടം	0.0295
2		222	4 Pt	പുരയിടം	0.0120
3	wsw	222	5 Pt	പുരയിടം	0.0288
4		222	6 Pt	പുരയിടം	0.0080
5		222	29 Pt	പുരയിടം	0.3871
6		222	30	പുരയിടം	0.0100
7		222	45 Pt	പുരയിടം	0.0019



A	В	C	D	E	F
8		223	77 Pt	പുരയിടം	0.0017
9		223	78 Pt	പുരയിടം	0.0198
10		223	79 Pt	പുരയിടം	0.1905
11		223	80 Pt	പുരയിടം	0.0183
12		223	81 Pt	പുരയിടം	0.0064
13		223	82 Pt	പുരയിടം	0.0907
14		223	83 Pt	പുരയിടം	0.0438
15	msø	223	91 Pt	പുരയിടം	0.0166
16	Ê	223	92 Pt	പുരയിടം	0.0334
17		223	97	പുരയിടം	0.0075
18		223	98 Pt	പുരയിടം	0.0004
19		223	99 Pt	പുരയിടം	0.0002
20		223	100 Pt	പുരയിടം	0.0055
21		223	101	പുരയിടം	0.0382
22		223	106 Pt	പുരയിടം	0.0173
23		224	16 Pt	പുറമ്പോക്ക്	0.0103
				Total	0.9779

(ഒപ്പ്) ജില്ലാ കളകൂർ, *എറണാകുളം.* 



# FORM No. 4 [See Rule 11 (3)]

# NOTIFICATION

No. C12-1289/18.

1st October, 2019.

WHEREAS, in exercise of the powers conferred by clause (g) of section 3 of Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Central Act 30 of 2013), r/w sub-rule (3) of Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement (Kerala) Rules, 2015 and as per G.O. (P) No. 649/2015/RD dated 4-12-2015, the Government of Kerala appointed Special Tahsildar (LA) No 1, Kochi Metro Rail Project, Civil Station, Ernakulam, to perform any one or more functions of Collector under the said Act within their respective jurisdiction for the acquisition;

AND 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 Vadakkekota Station of Kochi Metro Rail Project;

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

Now, Therefore, sanction is accorded to the District Level Social Impact Assessment Unit, Kerala Voluntary Health Services, Kottayam District to conduct a Social Impact Assessment Study and to prepare a Social Impact Management Plan as provided in the Act. The process shall be completed within a period of 1 month, not exceeding six months in any case.



### **SCHEDULE**

### District-Ernakulam.

Taluk—Kanayannur.

Village—Nadama.

(The extent given is approximate)

Sl. No.	Village	Block No.	Survey No.	Description	Area (Ha.)
A	В	С	D	Е	F
1		222	3 Pt	Dry	0.0295
2		222	4 Pt	Dry	0.0120
3	1	222	5 Pt	Dry	0.0288
4	1	222	6 Pt	Dry	0.0080
5	1	222	29 Pt	Dry	0.3871
6	1	222	30	Dry	0.0100
7	1	222	45 Pt	Dry	0.0019
8		223	77 Pt	Dry	0.0017
9		223	78 Pt	Dry	0.0198
10		223	79 Pt	Dry	0.1905
11	13	223	80 Pt	Dry	0.0183
12	Nadama	223	81 Pt	Dry	0.0064
13	Ž	223	82 Pt	Dry	0.0907
14		223	83 Pt	Dry	0.0438
15		223	91 Pt	Dry	0.0166
16		223	92 Pt	Dry	0.0334
17		223	97	Dry	0.0075
18		223	98 Pt	Dry	0.0004
19		223	99 Pt	Dry	0.0002
20		223	100 Pt	Dry	0.0055
21	1	223	101	Dry	0.0382
22		223	106 Pt	Dry	0.0173
23		224	16 Pt	Puramboke	0.0103
			Total		0.9779

(Sd.)
DISTRICT COLLECTOR,
Ernakulam.

