SOCIAL IMPACT ASSESSMENT STUDY FINAL REPORT

LAND ACQUISITION FOR SETTING UP AIIMS

In Kinalur - Kanthalad Villages of Thamarassery Taluk, Kozhikode District



SUBMITTED TO THE DISTRICT COLLECTOR KOZHIKODE

SIA UNIT

Don Bosco Arts & Science College Angadikadavu, Iritty, Kannur – 670 706 Phone: (0490) 2426014; 7012516402 <u>dbascoffice@gmail.com</u>,

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DECLARATION

The Kozhikode District Administration through its promulgation File No. DCKKD/424/2022-B3 based on G.O.(P)No.200/2022/RD Dated, Thiruvananthapuram, **11/07/2022**, (Vol. XI) entrusted to Don Bosco Arts & Science College, Iritty (Kannur) the Social Impact Assessment (SIA) of the Land Acquisition for Setting up the All India Institute of Medical Sciences in Kinalur and Kanthalad Villages of Thamarassery Taluk, Kozhikode District. The objective of a Social Impact Assessment (SIA) is to enumerate the affected land and structures, affected families and persons to identify social impacts, and to prepare Social Impact Management Plan (SIMP). As per the land details given by the Deputy Collector Kozhikode (LA), Special Thahasildar (LA- Koyilandi), Principal, Kozhikode Medical College and alignment sketch, and the guidance from Panangad Panchayath President, Ward members, the SIA Team collected data from the project affected families, other affected institutions and the stakeholders of the proposed project, as soon as the college received the Intimation. After the draft report was published on 29/10/2022 and the public hearing at Swalah Madrassa, Vattakkulangara, the following report has been drawn up. The supportive documents have to be verified by the concerned authorities.

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

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CHAPTER 1 EXECUTIVE SUMMARY

1.1 Project and Public Goals

Land acquisition for Setting up AIIMS in Kinalur - Kanthalad villages of Thamarassery Taluk, Kozhikode District. Total land required for the AIIMS is about 200 acre. Apart from the land from KSIDC, 40.6802 hectors of land will be acquired from other private possessions. The demand for All India Institute of Medical Sciences in Kerala requires the suitable land to be acquired by the Govt. of Kerala as a pre requisite. The Institute has comprehensive facilities for teaching, research, and patient– care. As provided in the Act, AIIMS conducts teaching programs in Medical and Par- Medical courses both at undergraduate and postgraduate levels and awards its own degrees. Teaching and research are conducted in 42 disciplines. The socio-economic development in the area in connection with the AIIMS is far reaching. It will invite a lot of employment opportunities in the allied areas and so also the tourism and economy will have faster growth. AIIMS will provide high end health care services to the entire people of Kerala. Hence the project and the acquisition are for the public utility purpose. The Directorate of Medical Education is the Nodal agency to facilitate the AIIMS in Kerala.

1.2 Location

The location for the All India Institute of Medical Sciences project is in Kinalur and Kanthalad Villages of Thamarassery Taluk, Kozhikode District. The location is in Kinalur- including some land from the KSIDC and remaining private land including Kattadi- Chathanveed, Ezhukandi, Anakket, Payattukaala, Kizhakekurumboil, Kurumboil etc. The acquisition requires about 40.6802 Hectors of land from here with 34 survey numbers.

1.3. Size and Attributes of Land Acquisition

The total land required is about 200 hectors and 100 acres of land from the KSIDC and the rest is 40.6802 hectors of land from private. The area proposed include the hill ranges of the popular Kinalur estate and its valley, the Kattadi River and the fertile agricultural land. The attributes in the land include commercial/livelihood, houses / residence building, dairy farm, nursery, water source like-well, river, ponds, agricultural assets like rubber, coconut, arecunut trees, pepper, nutmeg, other trees, and plain land etc.



1.4 Searches for Alternatives

The study team looked at several plans and designs for the AIIMS to set up. The Institute is the one which is the most coveted for every district in Kerala. Prominent one among other parts of the state demanding the AIIMS is Kasargod District. Looking at the poor health services and economic backwardness, their need is fair. The team also inquired views of the affected and the key informants regarding the possible alternatives. None of the affected suggested any other alternatives including the elected representatives and other stakeholders.

1.5 Social Impact

The area of land required to be acquired for the AIIMS other than that which is with KSIDC is about 40.6802 hectors in Kinalur and Kanthalad villages (from 34 survey numbers) of Thamarassery Taluk in Kozhikode District. The major negative impacts of the project directly affecting are the loss of 88 houses, commercial/livelihood structures, households and their dependents. The acquisition of this land is estimated to affect a population of 865 (Male 414, Female 453) people from 181 families/households. In addition, all 181 families said that they will lose their livelihood directly/indirectly as the acquisition affects either partially or fully. For 116 of them it is their ancestral property and they are forced to break that emotional attachment too. A maximum comfortable compensation and rehabilitation will be enough to cure/settle wholly the wound by the acquisition.

1.6 Mitigation Measures

It appears from the analysis and overview of the Act that the provisions of compensation for land acquisition under RFCTLARR Act 2013 will be enough to address the social issues. Speeding up the acquisition process and disbursement of compensation is to be considered.

	Table No.1.1 Breakdown of Social Impact and Mitigation Steps				
Sl. No.			Proposed Mitigation Measure		
1	Loss of Land & Agriculture	85 Land holdings would be affected – Direct Impact	Compensation as per RFCTLARR Act, 2013		
2	Loss/damage of Built-up Property	7 Built up properties either full or partially affected - Direct Impact	Rehabilitation as per RFCTLARR Act, 2013		
3	Loss of land and House	88- direct impact	Rehabilitation as per RFCTLARR Act, 2013		
4	Water source	Drinking water: well-96, Pipe line-3, ponds- 3, brooks-2, river- 1	Should be protected and allowed to continue its use		
5	Loss of Productive agricultural assets	Rubber, coconut tree, arecunut tree mango trees, Pepper and number of other agricultural assets will be destroyed - Direct Impact	Compensation as per RFCTLARR Act, 2013		
6	Livelihood	176 families are affected directly as they lose their livelihood/family income/rent. Business of all affected has indirect impact.	Compensation as per the RFCTLARR Act, 2013		
7	Properties of religious groups	Kurumpoyil Muslim Jamayath land and other Madrassa hall , 2 Gulikan thara	Compensation as per the RFCTLARR Act-2013		
8	Public use properties	Primary health centre, ration shop	Compensation as per the RFCTLARR Act-2013		

Note: The above data/information is arrived at from the information provided by the respondents/ and the observation by the data collection team during the survey. Supporting documents need to be verified and the calculation of loss done as per the government norms.

1.7 Social Impact Mitigation Plan (Mitigation Measures)

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

Economic Measure

Loss of houses/property, water sources, and livelihood/ agriculture due to the acquisition of land for setting up the AIIMS project should be compensated as mandated by the RFCTLARR Act-2013 under sections 26 to 31 and in the First Schedule of the Act for the 183 householders / property owners. The compensation for the acquiring property and the rehabilitation/ resettlement support with a special package will enable the affected to pursue their economic life, should be provided as early as possible. Maximum compensation would compensate temporarily for the loss of the livelihood likely to be affected due to the acquisition of the land/property. Whenever a job opportunity is created in connection with the AIIMS project and Tourism growth, the priority must be given to the affected and locals.

Environmental Measures

The proposed site is the valley of the Kinalur Estate hill ranges and the greenery is unexplainable. Based on the observations and enquiries with various people in the locality and the affected, the water source like well, streams and rivers must be protected and made available for. The proponent shall design eco-friendly drainages at the site/alignment minimizing the impact on the flora and fauna of the areas. The Kaattadi River flows through the acquiring land must be protected duly. The development work should be designed and buildings are to be built in such a way that there will be sufficient drainages to avoid flood/land slide from the hill side, non contamination of the River by the sewage water/ hospital waste.

Table No.1.2 Positive Impact			
Impact	Direct/ Indirect	Temporary / Permanent	Major/ Minor
AIIMS for Kerala is a coveted project which will provide high end medical services for the people of Kerala which will subsequently provide hundreds of job opportunities in itself and allied sectors	Direct	Permanent	Major
Creation of medical and paramedical courses in about 42 streams	Direct & Indirect	Permanent	Major
Establishing AIIMS here will invite better transportation and communication to this area	Direct & Indirect	Permanent	Major
Enhancement of tourism and economic growth.	Direct	Permanent	Major
Employment creation like resorts, home stay, restaurants etc. stalls for the visitors and tourists.	Direct & indirect	Permanent	Major

The discussions and interactions with various stakeholders including the affected families, majority are favouring this acquisition. Some of them, suggested the need to speed up the acquisition and the compensation and thus to avoid any sufferings of the affected. The affected unanimously demanded a special package for the fixing the compensation. The SIA team is of the view that the land be acquired by providing due compensation as per the RFCTLARR Act, 2013 provisions. The team emphasizes that the project is important for better health care services in Kerala and the proponent is suggested to balance environmental and social considerations and benefits through implementation of the proposed mitigation measures as well as the future perspectives of the region. It is recommended that preventive measures be given first consideration in order to reduce the cost of undertaking the mitigation measures and at the same time, minimizing the negative impact of the project.

1.8 Rehabilitation & Resettlement Measures

It appears from the analysis and overview of the Act that the provisions of compensation for land acquisition under RFCTLARR Act, 2013 will be enough to manage the social issues. Speedy disbursement of compensation is recommended. Compensation as per RFCTLARR Act, 2013 will be enough to mitigate the impacts like loss of land/structures, loss of productive assets, loss of business, and others. 88 households to be resettled and they need to get all packages of resettlement provisions in the Act. Some of the owners of affected properties are not residing in the affected place. They live elsewhere and hence the social impact is less.

1.9 Major Suggestions by the Affected

Following are the major suggestions and recommendations proposed by the affected.

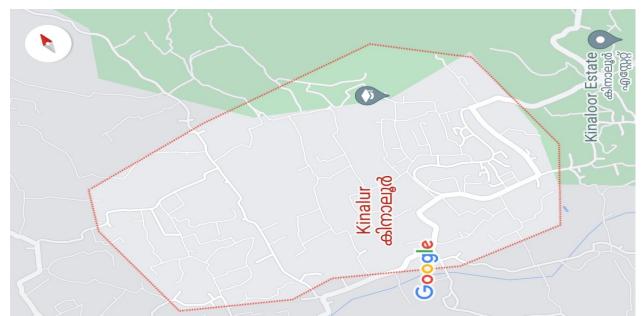
- The affected are living here since generations. Now they have to give up everything and find a new place like refugees. The day land acquisition for AIIMs is declared, the price of the land in surrounding area has gone up many times. Hence considering the future growth in the area, a special package is to be fixed by the government for compensation.
- Some are losing their means for livelihood hence proper compensation should be given.
- The affected/ family members should get priority in jobs AIIMS and allied activities.
- The affected unanimous on one thing that the land will be given only for setting up AIIMS
- Acquisition of buildings that are merely affected in Kurumpoyil should be avoided
- There are three house household living in the River-Purampoke category land for decades and they should not be left on the road due to the acquisition. Should be considered as normal and resettlement as normal land.
- Help should be provided to start a new livelihood
- If the land, left after acquisition is not beneficial to the land owner then it should be taken by government and proper compensation should be given.
- The Kattadi River is flowing through the land to be acquired. At most care must be given that the river will not get polluted with sewage water/ hospital waste water etc.
- There are 94 households living on the banks of the Kattadi River, the fertile land. They are losing their neighbourhood culture and social living as they get scattered due to the eviction. Govt. should provide land for them 10/15 cents each in the estate land for a continuity of togetherness.
- One of the affected has land in Kinalur estate. Permission should be given for constructing a house there.
- The AIIMS should not affect the Industrial units/area.
- Parents are buried in this land and it is painful to give up.
- The market value should be considered for compensation

CHAPTER 2 DETAILED PROJECT DESCRIPTION

2.1 Background and Rationale of the Project

Land acquisition for Setting up AIIMS in Kinalur - Kanthalad villages of Thamarassery Taluk, Kozhikode District. Total land required for the AIIMS is about 200 acre. Apart from the land from KSIDC, 40.6802 hectors of land will be acquired from other private possessions. The demand for All India Institute of Medical Sciences in Kerala requires the suitable land to be acquired by the Govt. of Kerala as a pre requisite. The Institute has comprehensive facilities for teaching, research, and patient–care. As provided in the Act, AIIMS conducts teaching programs in Medical and Par- Medical courses both at undergraduate and postgraduate levels and awards its own degrees. Teaching and research are conducted in 42 disciplines. The socio-economic development in the area in connection with the AIIMS is far reaching. It will invite a lot of employment opportunities in the allied areas and so also the tourism and economy will have faster growth. AIIMS will provide high end health care services to the entire people of Kerala. Hence the project and the acquisition are for the public utility purpose.

The Directorate of Medical Education is the Nodal agency to facilitate the AIIMS in Kerala. Revenue department is responsible for the acquisition and supervision. Already the Central health Ministry has given an assurance that the location identified by the State government – Kinalur will be finalized. Once the land acquisition is completed, the AIIMS management will take over the site for Setting up AIIMS.



2.2 Project Size & Location

Project Location Google map

The location for Setting up the All India Institute of medical science project is in Panangad Panchayath - Kinalur-Kanthalad Villages of Thamarassery Taluk, Kozhikode District. This site marked by the famous Kinalur Estate, adjacent to the KSIDC. Some of the land required for the AIIMS is belonging to the KSIDC. Apart from this additional land will be acquired from the private parties. That comes about 40.6802 Hectors of land from 34 survey numbers.

2.3 Examination of Alternatives

The study team Searched for alternate for setting up AIIMS in other areas. A few other places have claimed for the same and the prominent among them, based on the backwardness in the health services and economy Kasargod is very much making hue and cry for setting up AIIMS in Kasaragod. As confirmed by the key informants like Deputy Collector (LA) Kozhikode, Special Thahasildar (LA, Koyilandi), The Panangad Panchayath President, and other stakeholders etc. the plan selected now is the most suitable one. According to the majority of the affected, an alternative route is not proposed / required.

2.4 The Project Construction Progress

The land acquisition process progressing is under the state government. The acquired land will be handed over to the AIIMS management under the Union Health Ministry. In the due course the construction will take place,

2.5 Details of Environment Impact Assessment

Detailed environment impact assessment is not necessary for the land acquiring for setting up AIIMS as the project is going to affect wide range of natural resources like vast area of mountain range, forest, land, water sources etc.

2.6 Workforce Requirement

The work force needs to be equipped with modern machineries and planned man power in various ranges in terms of skilled, semi-skilled and unskilled labours. The locals and the family members whose livelihood/income are affected by the acquisition may be given opportunity in the construction work as a temporary relief.

2.7 Need for Ancillary Infrastructural Facilities

The nearest Town and Railway station (Koyilandi) is about 22 km. and the nearest City and main railway station (Kozhikode) is 32 km. The nearest International Airport (Kozhikode) is about 54km. So reaching the AIIMS from Headquarters and other parts of the state for the patients and other set of

people is very much important. There should be at least a four line Road from all these places. And if Possible an Air ambulance strip/ helipad to bring emergency cases is also required.

2.8 Applicable Rules and Statutes.

Application of National Statutes and Regulations on socio-economic impact suggests that the Proponent has a legal duty and social responsibility to ensure that the proposed development be implemented without compromising the status of the environment, livelihood of people, natural resources, public health and safety. This position enhances the importance of this social impact assessment for the proposed site to provide a benchmark for its sustainable operation. The major legislation that governs the land acquisition for the present project is hereby discussed briefly:

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

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

The chapter IV, Section 11 of the Central Act states that 'whenever it appears to the appropriate government that land in any area is required or likely to be required for any public purpose, a notification to that effect along with details of land to be acquired shall be published in the official Gazette, two daily newspapers, uploaded on the website of appropriate government and in the affected areas to all the persons affected.' (RFCTLARR Act, sec.11). Prior to the acquisition, Section 4 of the Act mandates 'conduct of a Social Impact Assessment' study of the affected area to study the impact the project is likely to have on various components such as livelihood of affected families, public and community properties, assets and infrastructure particularly roads, public transport etc. Similarly, where land is acquired, fair compensation shall be paid promptly to all persons affected in accordance with sections 28, 29 and 30 of the Act, along the following parameters:

- Area of land acquired,
- Market value of the property decided by the Collector,
- Value of things attached to land or building

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

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

CHAPTER 3 TEAM COMPOSITION, STUDY APPROACH AND METHODOLOGY

3.1 Background

The Kozhikode District Administration through its promulgation No DCKKD/10696/2021-B3 based on G.O.(P)No.200/2022/RD dated 11.07.2022 Go.No.2302/2022/ entrusted to Don Bosco Arts & Science College, Iritty (Kannur) the Social Impact Assessment (SIA) of the Land Acquisition for setting up the All India Institute of Medical Sciences in Thamarassery Taluk, Kozhikode District. The objective of a Social Impact Assessment (SIA) is to enumerate the affected land and structures, affected families and persons to identify social impacts, and to prepare Social Impact Management Plan (SIMP). Data from primary and secondary sources have been collected to elicit the information for the current process. As part of SIA, a detailed socio-economic survey was conducted by experienced members of the SIA unit in the affected area meeting every affected land owner to assess the adverse impacts of the projects.

3.2 SIA Team

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

	Table No. 3.1 SIA Team Members				
S1.	Name	me Qualification & Experience			
No.		Designation			
1	Fr. Sojan	Director	HOD &Vice principal, with 10		
	Pananchikal		years		
			experience in administrative,		
			academic and developmental sector		
2	Sebastian KV	MSW, M. PHIL	26 years experience		
		Team Leader, SIA Unit	in Development Sector, Research		
			etc.		
3	Nimal Thomas	Research Associates	MSW.		
4	Lissy Ciriyac	Research Associates	MSW.		

3.3 SIA and SIMP Preparation Process

With the help of the Deputy Collector LA and staff members, Thahasildar LA- Koyilandi, valuation Assistant, Survey department, Principal- Medical College Kozhikode, the president and concerned ward members of Panangad Panchayath following the alignment sketch, the study team identified the affected area. Before starting the detailed SIA study, field visits and pilot study of the socio-economic survey were conducted. For the data collection, the affected people were administered the interview schedule and their feedbacks collected carefully. The information was verified with the help of proper documents. From secondary sources, an understanding of the physical, social, economic and cultural set up of the project area was obtained. Many pre-coded questions were included in the questionnaire. Before filling the questionnaires, the study team ensured the whereabouts of the respondents by examining their address proofs and property documents.

The survey forms duly filled in were consolidated and entered into a database, the information update and the report prepared.

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

3.4 Methodology and Data Collection

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

Quantitative information on the Project Affected Persons and Families were gathered through the household survey. The SIA grouped Project Affected People into three broad categories, namely, Project Affected People whose land only is required for the proposed project and affected partially due to the acquisition; Project Affected People whose houses and land are to be acquired and are affected fully by the project; and Project Affected People whose commercial establishments / Industry being acquired for the project are affected fully/partially. The household interviews of the affected land holders, residents and commercial establishments and other structures of the SIA study area covered 138 households and their dependents who own property at the project location were conducted. Representatives of these households were contacted to elicit information pertaining to the subject. Household survey was undertaken by team by administering predefined interview schedules targeting the Project Affected Population (PAP). It was a very difficult task to trace the land owners who own the land in the alignment and are settled/ residing elsewhere

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

During the study a number of informal consultations and discussions were conducted apart from the formal interviews and other information gathering process. Thus 183 respondents and others which include the representatives of all the affected were covered in the assessment study. The stakeholders were identified and consulted with the objective of understanding the existing socioeconomic conditions of the affected area and the immediate surroundings of the proposed project.

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



SOME STILLS FROM THE AREA AND SIA PROCESS

Discussion with Deputy Collector (LA)



Meeting with Panangad panchayath President



Discussion with Special Thahasildar (KIIFB)



Meeting with the affected



Field joint verification -(LA)



Focus group discussion with the affected



Affected family health centre



Affected dairy farm

3.5 Site Visits and Information Gathering

From 14/06/2022 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 the different stakeholders at the project area. The survey team collected the data visiting far and wide, where the landholders settled.

Public Hearing

3.6 Details of Public Hearing

In connection with the land acquisition for setting up All India Institute of Medical Sciences (AIIMS)in Kinalur and Kanthalad villages of Thamarassery Taluk, Kozhikode District the public hearing of the landowners along with the authorities and other stakeholders was held at Swalah

	List of Officials attended				
SN	Name	Designation	Department		
1	Mr. V.M. Kuttikrishnan	Panchayath President	Panangad Grama Panchayath		
2	Mr. Saji K	Standing Committee Chairman	Panangad Grama Panchayath		
3	Mr. Muralidharan K.	Sple. Tahasildar (LA)	Koyilandy		
4	Mrs. Nisha KT	Ward Member-2	Panangad Grama Panchayath		
5	Mrs.Ramla Vettath	Ward Member-7	Panangad Grama Panchayath		
6	Mrs. Sajitha K	Ward Member-8	Panangad Grama Panchayath		
7	Mrs.Leeha K P	Memeber	Balussery Block Panchayath		
8	Mr.C.P Murali	Dy, Tahasildar	Thamarassery Taluk		
9	Mr. V. Sivasanksran	Valuation Assistant	Koyilandi Taluk (LA Office)		
10	Mr. Santhoshakumar T	Village Officer	Kinalur Village		
11	Dr. K G, Sajeethkumar	Vice Principal	Medical Colleague Kozhikode		
12	Fr. Sojan P Joseph	Director	SIA Unit Don Bosco Arts &		
			Science College		
13	Mr. Sebastian K.V	Coordinator	SIA Unit Don Bosco Arts &		
			Science College		
14	Mr. Nimil Thomas	Research Associate	SIA Unit Don Bosco Arts &		
			Science College		
11	Mrs. Lissy Ciriac	Research Associate	SIA Unit Don Bosco Arts &		
			Science College		

Madrassa, Vattakkulangaramuk at 11.00 am on 29/10/2022. The list of Officials participated is given bellow.

NB: list of affected participants is given in the annexure



SIA Coordinator Mr. K V Sebastian explaining the study findings.

The SIA unit coordinator welcomed the participants and officials and introduced the purpose, and process of public hearing. He explained the findings and the draft report after welcoming the officials in order to get the concerns of the affected and also to resolve their issues and worries. He also informed the participants that they have the chance to interact with the respective officials about the technical side of the project and also about acquisition of land and its valuation.



V.M. Kuttikrishnan, Panangad Panchayath president Fr. Sojan Panachikkal, SIA Unit Director

The Session was chaired by the Panangad Panchayath President in the presence of Gram Panchayath Standing Committee Chairman. The meeting was attended by the affected participants and others. There were 14 officials representing Revenue department, DME/AIIMS and SIA Unit staff, ward members and elected representatives etc.

The Panchayath President welcomed the setting up of Aims in Kinalur. He expressed his concern regarding the eviction of so many houses in place and in his experience it is first time seeing a massive eviction. He demanded best compensation for the affected.

SIA Unit Director briefed about the Social Impact Assessment Unit and Don Bosco Arts and Science College. The Unit is taking all care and attention for completing the study time bound and as humane as possible. H said that SIA is only the initial process of land acquisition and many steps ahead till the completion of acquisition. He assured that the affected have great concern about the loss and the SIA report will include all details and highlight their concerns in the report.



Dr. K G Sajeeth Kumar (Vice-Principal, Kozhikode Medical College)

Directorate of Medical Education is the Nodal Agency for establishing AIIMS in Kerala and Kozhikode Medical College is the local Point of Contact. Dr. K G Sajeeth Kumar (Vice-Principal, representing Kozhikode Medical College, DME and AIIMS addressed the affected. He said the finance required for the AIIMS is provided by the Central Government. AIMS is providing Medical and Para-Medical Courses at a very low fees and the high end treatment facilities free of cost.

Concerns and suggestions of the affected

A number of affected expressed their anguishes, doubts and opinions are given below:

SN	Name	Concerns and Opinions		
1	Padmanaabhan	All the difficulties and losses of evicition and acquisition must be accepted.		
		Many will lose their roads/ ways to their land and houses due to the		
		acquisition of vast land area. There are people living across the land to be		
		acquired and their way/roads to their lands/ houses. Alternatives must be		
		made. Kattadi River should be protected from pollution. There as		
		hundreds of wells and other drinking sources being affected. Some peop		
		are depending on hose pipe water from the hill side and these water		
		sources must not be blocked. There should be detailed study should be		
		conducted including elders and other people.		
2	Shanavas	All required aspects are covered in the Social Impact Assessment study. It		
		is difficult to leave this place where our fore fathers were and we are living		
		since long time. But at the same time we want AIIMS to come here at any		
		cost. Some of the land is coming under wet land and those who area		
		affected will get very insufficient compensation. It should be addressed.		
		These are the land where people were living decades together. These issues		
		must be resolved. Shop buildings and the Kurumpoyil Madrssa should be		
		exempted from the acquision.		
3	Chandran	It is very difficult to leave this land. If we don't get sufficient compensation		
	Chathanveetil	to get land for resettlement, we will not be able to get the benefits of		
		AIIMS.		
4	Krishna Kumar	Maximum compensation must be provided. Considering the attachment		
	Kurumpoyil	and emotional bond to the properties and their livelihood, a special		
		package should be declared by the government. 3 houses are marked as		
		River -purampoke land and they will not be deprived in this way from		
		effective compensation. Revenue department should have proper valuation		
		of the affected houses		
5	K P Sreedharan	The compensation calculation method should be changed. As the AIIMS is		
		coming the value of land in the nearby area is shooting up. Acquisition		
		authorities must say that by when the compensation will be given.		
6	Sihabudheen	The roads/ way to the land and properties should not be blocked. People		

	Kurumpoyil	other than the evictees should continue to live here. Any of the common		
		facilities should not be blocked.		
7	Shyamala	Compensation must be given by January. We need to buy other land for		
		settlement.		
8	Shaji K Standing	Initially the land identified for the AIIMS was in Kinalur Estate. But as		
	Committee	there is litigation in Supreme Court regarding the land in the estate, this		
	Chairman	area is being opted. Earlier job opportunities have been promised the		
		KSIDC, but nothing is given. Now land value is going up even for wet		
		land. So provide the compensation as early as possible.		
9	Anita	People who have more land will not have any difficulties to by another		
		land. But that is not the case with the tiny land holders like 3- 5 cents. So		
		they should be given special package.		

The queries and doubts were clarified by the Land acquisition Officer and Special Tahasildar (LA, Koyilandi). He explained about the purpose of SIA and gave an outline of the project. He described that the SIA study is to identify the losses of people caused by the project. He replied that the existing roads/entrances will be sustained or make alternatives on the sides/ boundaries.



Mr Muralidharan, Special Tahasildar (L A Koyiladi).

Affected people demanded that any member from the affected family should be given permanent job in the project from the beginning of construction works. Needed employees should be primarily selected from the affected families and the family members. Many lose their land, properties, so as a means of compensation permanent jobs for the affected family members. He explained the compensation fixing process as, will take 5 to 8 average selling rate of the similar land during the last 3 years and its double will be given. There will be a 12 % interest rate for the delaying durations. Everyone will get the compensation as per the RFCTLARR Act 2013. The compensation will be given one same day or on the next day of exchanging the documents for acquisition. He replied to the queries asked by the affected like:

- The govt. will approve the SIA report based on the recommendations of the empowered committee and then will issue the 11 / 1 Notification for acquisition.
- There are 3 houses in the purampoke as per the 1933 survey. As per the rule purampoke land will be given compensation. But the govt. will not leave the affected merely. Give an application to the District Collector or can approach the court of law.
- All will get notice regarding the land acquisition.
- The value of the agricultural items will be fixed by the agricultural officer, the trees like teak, etc will be fixed by the forest officers and the built up structures value will be fixed by the PWD valuation team.
- There will be road facility on the extreme boundary of the AIIMS land for those who lose their road/way
- The eviction will take place only after giving the compensation.



- As per the existing norms the loss of houses will get a package of Rs. 4,60,000/-
- Not only the building owners but the rented people/ shop keepers will get Rs.50000/who has all required proof like Panchayath licence and the workers also will get Rs. 36000/- and a package.
- Dry land/ wet land will be considered as per the village records. The wet land price will be fixed looking at the size and growth age of the trees/coconut trees and an above medium rate will be given.



Response by the affected

Conclusion: the entire affected are willing to give their land and properties for the AIIMS project at and those who responded in the Public hearing too. All are welcoming the AIIMS but considering the potential development in the area they demanded a special package/ compensation for their loss and job should be reserved for the evictees as per their merits and capabilities. The shop buildings and Madrassa and also the temple must be exempted from acquisition. The affected family health centre must be relocated in the nearest place. Students of the evictes must be given reservation for the cources in AIIMS. After the acquisition the abandoned houses would become a space for anti social elements to come up and locals might be disturbed. It should be checked.

SIA Research Associate Mrs. Lissy Ciriyac made the vote of Thanks and the Panchayath president declared the meeting dispersed at 1.15 pm.

CHAPTER 4 VALUATION OF LAND

4.1 Background

The SIA unit conducted the socio-economic survey of the families and individuals affected by the acquisition at the project site during the month of September-October 2022. It was learnt through this survey, to what extent the proposed project would impact on the 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 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 discussed in this chapter.

4.2 Inventory List

	List of Inventory				
	Kinalur Village				
SN	Survey No.	Name of Owner	Land area	Affected inventories	
1	56/47	Sharathamma pallickalamma chathanveedu	42.25	House, Coconut tree – 17 Arecunut tree-15 mango tree – 1 jacktree – 2 pepper-2	
2	43/10	Ramadevi kurumbayil meethal	12 cent	Land, Coconut tree – 9 Arecunut tree- 21 other trees-4	
3	56	Devakiamma & others	85 cent	Land	
4	56/45	Chandran Chathanveedu	80.5 cent	House, shed, Rubber-110 Coconuttree- 35 arecunut tree-45 pepper-7 mango tree-5 jacktree-5 other trees-10	
5	50/15	Fousiya & Thahakutty Payattukala	27.5 Cent	House, shed, Coconuttree-12 arecunut tree- 70 jacktree-6	
6.1 6.2	58/50, 58/51	6.1 Radhakrishnan 6.2Radhamma, Sreehouse Kariyathankaavu	24.5 cent 10 cent	House coconut tree-35 arecunut tree- 10 jacktree-5 mango tree-3 Coconut tree-14 jacktree -1 mangotree- 1	
7	43	Deepna Kuttiyapurath – Chaithanya	17.5 cent	Land Coconut tree-13 arecunut tree-20	
8	n/a	Unni CV	49 cent	Land, Coconut tree-40 arecunut tree-30 other trees-3	
9	56/36,37	Prakashan MV Chathanveedu	12 cent	House,well, Coconut tree -3 jacktree-4 arecunut tree-4 mahagani-1 teak-1 chikku-1	
10	56/6,	Rajan Cherukkavu	10 cent	House,well, Coconut tree-4 jacktree-3 pepper-16 arecunut tree-15 mangotree-	

				1
11	56/48	Parvathiamma & others Chathanveedu	26 cent	House,Shed,Well, Coconut tree-17 arecunuttree-30 jacktree-10 mangotree- 5 pepper-5 teak-2 othertrees-15
12	56/48	Unnikidavu Thenghinthottathil Chathanveedu	10 cent	House,shed,well, Coconut trees-5 arecunut trees-10 mangotree-2 jacktree- 1 teal-1 pepper-3
13	58/11 58/55	Savithripallikkalamma Chathanveettil	73 cent 5cent 11.45 cent	House, shed, kitchen, wall & gate, well Coconut tree-48 arecunut tree-45 mangotree-10 mahagani-15 teak-1 pepper-27 other trees-10
14	48	Samesh, Raroth House	20 cent	Land, Coconuttree-15 arecunuttree-20 coco-1 coffe-2
15	50/25 50/12	Abdurahman Payattukala & Fathima	25 cent 17.5 cent	House, shed, toilet, well, Coconut tree- 23 arecunuttree-65 nutmeg-2 puli-4 jacktree-8 teak-1 swanapple-1
16	50/26	Haseena	5 cent	House, Coconuttree-3 arecunuttree-5 mango tree-2
17.1	50/11	Ibrahim	10 cent	House, Coconut tree-12 arecunut tree-
17.2	50/21	Amina	11 cent	65 jack-4 mango tree-8 nutmeg-1 puli- 1 mahagani-12 nelli-1 teak-1
18	56/2	Vijayan CV Vrindavan, Chathanveedu	11.5 cent	House, well, Coconut tree-5 mangotree- 4 jack-4 pepper-10 arecunut-3
19	NA	Shiju KK	18.68 cent	House, shed, toilet, kitchen, well, Coconut tree-13 arecunut tree-25 mango tree-10 jack-5 other trees-4 puli- 4 cashew-1 teak-1 pepper-8
20	50/23	Basheer[late] Asiya Payattukala	13 cent	House, well, Coconut tree-14 arecunut tree-28 jack-5 mango tree-7 puli-7 cashew-1 other trees -2
21	50/40	Lekshmi & Sasi Payattukala	7.5 cent	House, well, Coconut tree-4 arecunut tree-24 jack-5 other trees-3
22	50/27	Abdulrazak Payattukala	21 cent	House, well, Coconut tree-18 arecunut tree-63 mango tree-2 jack-4 gramboo-1 rambutan-1
23	50/8	Sumathiamma & Sini Karumbayil	33.25 cent	House,shed, Coconut tree-59 arecunut tree-120 jack-14 coffee-5 mango tree-1 teak-4 mahagani-2 coco-18 dates-7 puli- 1 pepper-1 othertrees-4
24	50/18 50	Valsala & Damodaran Payattukala	40.75 cent 50 cent	House,shed,well, Coconut tree-44 arecunut tree240 mango tree-7 cashew- 2 nutmeg-4 pepper-15 coffee-6 teak-2 mahagani-6 jack-7

25	48/11	Sooraj Raroth House	93.5 cent	Land, Coconut tree-37 arecunut tree-70 mango tree-1 coco-3 pepper-2
		Ratourriouse		mango nee-1 coco-5 pepper-2
26	43/12	Vasu	67cent	Land, Coconut tree-65 arecunut tree-
	50/9	Madathil Parambu	22cent	200 mango tree-6 mahagani-6 teak-7
	48/9	Sajeevan		other trees-7
27.1	43	Mohanannair	20 cent	Land, well, Coconut tree-52 arecunut
27.2	48	Kalyaniamma[late]	70 cent	tree-90 coco-3 jack-3 mahagani-4
	47		33 cent	cashew-2 coffee-9 mango tree-4 nutmeg-1 dates-1 pepper-15 other trees-
	4/	Rarothhouse[meethal]		5
				Coconut tree-11 arecunut tree-15 coco-
				1 pepper-3
28	NA	Rajani	10 cent	Land, well, Coconut tree-3 arecunut
		Madathilparambath		tree-14 teak-2 other trees-5
29	NA	Radha EK[Shaji master],	15 cent	Land, Coconut tree-15 mango tree-1
		Vattakuruvil Koranghadu		jack-1 arecunut tree-20 pepper-3
30	43	Suresh AV	10 cent	Land, Coconut tree-6 arecunut tree-24
		Kunnothpoyil		jack-3 mahagani-1 mango tree-3
31	50/10	Shafeek	7 cent	Land[house basement],well
2.2	50	Payattukala		Coconut tree-2 arecunut tree-16
32	50	Nalini	67 cent	Land, shed, pond, Coconut tree-20 arecunut tree-80 mango tree-2 jack-1
33	58	Babu CV	11.65 cent	House, well, Coconut tree-7 arecunut
		Chathanveettil		tree-9 pepper-4 jack-6 cashew-1 other
2.4	42/15	D1 1	12	trees-1
34	43/15	Bhaskaran, Kunjichekkini	42 cent	House, well, shed, Coconut tree-34 arecunut tree-120 jack-15 mango tree-4
		Koorikadavil		other trees-3
35.1	41/10,26,	Krishnan	27 cent	House, well, Coconut tree-27 arecunut
35.2	29	,Eranjikampoyil	31.5 cent	tree-28 coffee-5 mango tree-3 puli-2
	43/13	Sarojini & Krishnan		jack-4 coco-13 mahagani-2 cashewe-2
				other trees-2
				Land,Coconut tree-33 arecunut tree-71
36	52	Abdul Nazar	15 cont	jack-9 mango tree-1 other trees-3
36	32	ADUUI INAZAI	15 cent	House, well, coconut tree- 8, arecunut- 10, jack tree-6, Mangotree- 3, nutmeg -
				5, grampus- 1, puli-1
37	NA	Pushpaadharan PP	17 cent	Land
		Cherichilparambath		
38	50/36	Shareefa & Saheera	39.5 cent	Land, Coconut tree -13 arecunut tree-
39	43/50	Simi Shaiith 8-Shaii	40 cent	130 jack-3 mango tree-3Land,shed,well,Coconuttree-310
59	43/50	Siraj,Shajith&Shaji Cheekkilod Atholy	1 hector	Land, shed, well, Coconut tree-310 arecunut tree-250 mango tree-11 jack-
	-TU/ T			18 puli-3 other trees-4 pepper-6 dates-3
40	43/3	Krishnaraj KK	9.25 cent	House, well, Coconut tree-8 arecunut
	,	Devisathan		tree-7 pepper-1 mango tree-1

41	43	Mallika, Plathottathil	3.75	2storie building with 3rooms, well
		Moorikadavu		Coconut tree-4
		Kannadipoyil		
42	46.8	Anshara C	28.5 cent	Thattukada,land, Coconut tree-14
		Paniyullathil Darutwaiba		arecunut tree-34 jack-3 cashew-2
		House		
43	46	Nafiza & others	1 acre	3 storie building with 17rooms,2storie
		Kodakkandathik		building with6rooms, house, well
				Coconut tree-65 teak-3 arecunut tree-
				178 grampoo-1 karuva-1 jack-6 pili-2
				mango tree-8 nelli-1 coco-4 vepp-2
4.4	42/40		25	mahagani -8 coffee-8 other trees-17
44	43/42	Majeed & Pathumma	25 cent	House, shed, well
		Kooridavil		Coconut tree-37 arecunut tree-47 jack- 18 nutmeg-2 teak-2
45	50/14	Geetha & Kunjikrishnan	20cent	Land, Coconut tree-3
43	50/14	Thalakulathoor	20cent 20 cent	Land, Coconut tree-5
		Kizhakkekariyattil	20 cent	
46	43/40	Abdul Azeez	51.5 cent	Land, well, Coconut tree-67 arecunut
	43/41		28 cent	tree-70 mango tree-4 teak -1 mahagani-
	,		2.25 cent	2
47	43/32	Velayudhan KP	14 cent	House, well, Coconut tree-11 arecunut
				tree-17 grampoo-3 pepper-7 jack-6
				mango tree-2 karuva-1 mahagani-3 teak-
				1
48	43/28	Lineesh Kumar &	15 cent	House, well
		Dhanya		Coconut tree-10 arecunut tree-12 jack-6
		oorikadavil		mango tree-3 mahagani-4 irul-3
10	10		27.5	rambutan-2 pepper-4
49	43	Dinusha	37.5 cent	Land
50	42/22	Echinghapoyil Azila & Rafeek	25	Coconut tree-18 arecunut tree-50 jack-1 Land
50	43/23		25 cent	Coconut tree-52 arecunut tree-25 jack-1
		Madathiparambath		other trees-6
51.1	43/39	Rajan kottakandathil	27.25 cent	House, well
51.2	43/44	Ochoth House	23.25 cent	Coconut tree-21 arecunut tree-90 jack-8
		Kurumboyil Rajash & Ranjusha		mango tree-2 mahagani – 2 nutmeg-2 other trees-6 coffee-3
		Rajesh & Renjusha		
				Coconut tree-17 arecunut tree-87 mango tree-1
52	43	Asna	10 cent	House,well
52	15	Koorikunnummel		Coconut tree-6 arecunut tree-25 mango
				tree-2
53	43	Gireesh&Vijitha	13.75 cent	House,toilet,shed,kennel
		Bharathi Bhavan		Coconut tree-7 arecunut tree-9 jack-6
				mango tree-2 pepper-16 other trees-3
54	43/59	Smitha &Shiju	10 cent	House,gulikanthara,pipeline
		Kailasam		Coconut tree-7 arecunut tree-30 jack-8
				other trees-1

55	43/7	Santhoshkumar	11.90 cent	House,shed,well
		Sreedevikripa		Coconut tree-6 arecunut tree-16 jack-4
		Madathiparambath		mango tree-5 pepper-9
56	43/5	Sasidharan	26.9 cent	House,well
	48	Kottakandathil House		Coconut tree-15 arecunut tree-58 jack-8
				mango tree-1 other trees-7
57	43/58	Sreeja UV	10 cent	House,shed,well
	43/57	Brookland	14 cent	Coconut tree-23 arecunut tree-18
				pepper-7 jack-9 mango tree-4 nutmeg-1
				mahagani-1
58	93/60	Sasikumar	23 cent	Land
		Brookland		Coconut tree-18 arecunut tree-33
59	43/54	Rakesh	16.45 cent	Land
	,	Brookland		Coconut tree-8 arecunut tree-14 mango
				tree-2 jack-1
60	43/6	Rajeevan[late]	16.5 cent	Land
	1	Brookland		Coconut tree-15 arecunut tree-7 mango
				tree-1 jack-1
61	43/24	Subramanyan & others	23 cent	House,shed,well
	43/62	Ambady	9 cent	Coconut tree-20 arecunut tree-70 jack-4
	,	Sumangala		mango tree-3 nutmeg-1 pepper-5
62	43/56	Vijayan[late]	37.5 cent	House,shed,well
	43/55	Sarovaram		Coconut tree-28 arecunut tree-192
	,			nutmeg-16 mango tree-9 jack-16 irul-1
				teak-1 coco-12 pepper-3 puli-2 other
				trees-10
63	43	Manoj	10 cent	Land,
		Malariyath		Coconut tree-6 arecunut tree-10
64	43	Sreenivasan	43 cent	Land
		Madathi parambath		Coconut tree-41 arecunut tree-50
				mango tree-1 puli-1 teak-2 other trees-2
65.1	46/5	Siddique	3.5 cent	3 storie building
65.2	43/21	Karimbinthari[Manjamb	56.5 cent	House, shed, toilet,
		rakandi Nafeez]		Coconut tree-456 arecunut tree-96 jack-
				14 mango tree-6 mahagani-3 puli-2
				other trees-4
66	43	Sajeevan	17 cent	House,well
		Madathiparambath		Coconut tree-13 arecunut tree-10 jack-1
67	43	KK Kunjikanaran	17.75 cent	House,well
		Devisathan		Coconut tree-10 arecunut tree-16
		kurumboyil		pepper-6 nutmeg-1 puli-4 mango tree-1
				jack-3
68	43/66	Ashraf	5 cent	Lsnd
	,			Coconut tree-4 arecunut tree-10 jack-1
69	43/64	Shareefa	9R,9R	Land, well
	57/20			Coconut tree-20 arecunut tree-60
	,			karuva-1
70	57	Zareena	23 cent	Land
		Chathanveedu		Coconut tree-23 arecunut tree-8 jack-1

71	43	Abdurahman[late Sufaira	38.75 cent	House,well
		Akavayal	3 cent	Coconut tree-23 arecunut tree-50
		Nilamparambu]		mango tree-7 mahagani-7 jack-7 other
				trees-6
72	43	Siddique	2 cent	Land
				Coconut tree-1 arecunut tree-4
73	43	Rajesh& Reshma	11 cent	Land
		Mandothummoola		Coconut tree-4 arecunut tree-10
74	50/38	Vishnu	12.5 cent	Land, well
		Brookland		Coconut tree-10 arecunut tree-53
				mango tree-1 pepper-1
75	50/24	Vijayan	36.5 cent	House, Shedd-2, cow shed-1,
		Kizhakkekurumboyil		Coconut tree-8 arecunut tree-50 mango
				tree-1 jack-3, coffee-2, pepper-25,
		_		other trees-50
	1493/2		3.20 acre	Land, Coconut – 140, arecunut- 250,
				Rubber-100, jack tree- 4,
76	43	Shivanandhan	1.5 cent	Building
		Rationshop		jack-1 arecunut tree-4 coconut tree-1
			50.05	mahagani-1
77	46	Moideenkoya	50.25 cent	Land
	52		38 cent	Coconut tree-23 jack-2 arecunut
70	10	T '1	105	tree-30
78	43	Ismayil	12.5 cent	House, shed, well
		Kurumboyil		Coconut tree-11 mango tree-3 jack-1
70		Minaz		mangostin-1
79	57	Rarothmukku	6 cent	Building under construction, well
80	46	Abdurahman	4 cent	2 storie building with 8 rooms
00	40	Abdurannian	4 Cent	2 stone building with 8 footils
81	57/17	Moideen & Safiya	16 cent	House,well
01	57/17	Chathanveedu		Coconut tree-11 teak-2 jacl-2 mahagani-
		Chathanveedu		3
				5
82	57/19	Girija & Meenakshi	12 cent	House,well
0-	01/10	Amma		Coconut tree-2 arecunut tree-15 jack-4
		Chathanveeduy		teak-1
83	57/10	Shyamala	4 cent	House
	, -	Chatahanveedu		Coconut tree-1 arecunut tree-7 mango
				tree-3 mahagani-4
84	58/4	Vasudevan	29.5 cent	House,well
		Chathanveedu	9.5 cent	Coconut tree-27 arecunut tree-89
		Aswathy		mango tree-4 pepper-8 jack-6 dates-1
				puli-1 nelli-1
85	58/39	Sanathkumar	18.75 cent	House,well
		Chathanveedu		Coconut tree-18 arecunut tree-20 jack-4
				teakj-1 mango tree-1
86	58/49	Sumathi&Chandran	8cent	House, shed, well
			6 cent	Coconut tree-12 arecunut tree-30 teak-3
				jack-10 rambutan-15 other trees-10

		Shalu & others	43 cent	Old house, Toilet, Coconut-29, jack-3 arecunut-20 teak-5 other trees-10
87	56/41	Chandramathi Pallikaramma Chathanveedu	26 cent	House,well Coconut tree-15 arecunut tree-20 jack-5 pepper-4 mahagani-3 teak-4 other trees- 4
88	57/4	Jameela zachariya Chathanveedu	11 cent	House,well Coconut tree-6 arecunut tree-18 teak-2 pepper-6 jack-3
89	57	Abdulkhader & Rukiya Chathanveedu	91 cent	House,well Coconut tree-70 arecunut tree-98 jack-2 teak-1 other trees-15 dates-1
90	58	Sasi & Soumini Chathanveedu	9.75 cent	House,well Coconut tree-4 arecunut tree-12 jack-4 teak-1 pepper-3
91	10/124	Sasi & Anitha	6 cent	House,well Jack-4 arecunut tree-2 mango tree-1 mahagani-1 puli-1
92	56/42	Unnimadhavan Chathanveedu	19.5 cent	House,well Coconut tree-15 arecunut tree-25 jack-3 mango tree-2 dates-1 mahagani-3 othertrees-4
93	57/7	Khadeeja Aabidha & Muneera Chathanveedu	5 cent 11 cent	House,well Coconut tree-15 arecunut tree-25 mango tree-1 jack-3 teak – 1 rosewood- -3
94	58/14	Raghavan CV	43cent	House,well Coconut tree-34 arecunut tree-26 mango tree-2 teak-1
95	58/2	Beena & Sobisha	48.5 cent	House,well,shed Coconut tree-32 jack-9 arecunut tree-48 mango tree-2 teak-2
96	58/4	Praseetha	9.5 cent 9 cent	Land Rubber tree-35 coconut tree-13 mango tree-1 dates-1 arecunut tree-15 pepper-3
97	58	Shobhana M	15 cent	House well Coconut tree-7 arecunut tree-2 jack-1 mango tree-2 teak-1
98	58	Vijayaraj KV	10 cent	Land Coconut tree-5 arecunut-2 teak-8
99	56/13	Ashraf & Nafeeza Chathanveedu	10 cent	House,shed,well Coconut tree-13 arecunut tree-36 jack-9 mango tree-9 cashew-1 pepper-6
100	56/40	Kumarankidavu	76.5 cent	House,well Coconut tree-50 arecunut tree-100 jack- 6 mango tree-6 other trees-2
101	43/19 43/20	Sumathi Shijitha Rejeeshkumar	5.5 cent 5.5 cent	Land Coconut tree-7 arecunut tree-6 jack6

102	56/2	Leelamma	7cent	Land
102	30/2			Coconut tree-4 arecunut tree-6 other
				trees-1
103	EC / 2	Radhamma	26 cent	
105	56/2	Kadnamma	20 cent	Land
				Coconut tree-13 arecunut tree-10
104	5.(2)	T 7''	50	mango tree-2 other tree-1
104	56/2	Vijayan	50 cent	House,shed
		Chathanveedu		Coconut tree-50 arecunut tree-75 jack-
				7 puli-2 mango tree-7 teak-2 other
				trees-4
105	58/61,62,	Balakrishnan &	36.5 cent	House,shed[2], kennel,
	63,64	Shyamala K	6 cent	Coconut tree-49 arecunut tree-73 other
				other trees-9 jack-19 mango tree-11
				coco-5 pepper-8 teak-1
106	58/7	Manojkumar	17 cent	House
		Chathanveedu		Coconut tree-13 arecunut tree-32 jack-
				12 puli-4 coffee-8 teak-3 mango tree-4
				pepper-5 other trees-13
107	58	Shobhana	8 cent	Land
				Coconut tree-5 arecunut tree-24 jack-4
				rubber trees-3 mango trees-4 other
				trees-4
108	58	Savithri	8.5 cent	Land
100		Kuniyil Narikkuni		Coconut tree-6 arecunut tree-16 other
				trees-3
109	58	Pushpa & Sreedharan	50.55 cent	House,shed,well
107	50	Sreepuri	3.5 cent	Coconut tree-32 arecunut tree-120
		Kalyani	5.5 cent	pepper-7 nutmeg-3 jack-10 mango tree-
		1 xaryann		6 other trees-3
				Coconut tree-3 arecunut tree-3 coffee-1
				other tree-1
110	58/18	Mohanan	12.5 cent	House,cowshed
110	50/10	Areekara	12.5 cent	Coconut tree-3 arecunut tree-2 pepper-
				1
111	58/4	Rabiya	3.5 cent	House,well
111	30/4	Chathanveedu	5.5 cent	Coconut tree-3 arecunut tree-15 jack-4
		Chathanveedu		,
110	EQ /1E	A: E-	12.2	mango tree-2 other trees-1
112	52/15	Arifa	12.2 cent	House, shed
		Payattukala		Coconut tree-8 arecunut tree-2 mango
442	50/1	TT ' '	07	tree-4 nutmeg-1
113	52/1	Hairunnisa	97 cent	Land, well
				Coconut tree-102 arecunut tree-102
				jack-3 mango tree-6
114	52/24	Rafeek	15.5 cent	House,shed
				Coconut tree-8 arecunut tree-57 jack-16
				teak-6 mango tree-14 nutmeg-1
				grampoo-1
115	NA	Shailaja Panicker	3 cent	House,(from panchayath)
	1	Chathanveedu		Teak-2 arecunut-2

116	52/19	Surendran	28 cent	Land
		Kurukkinmel		Coconut tree-24 arecunut tree-70 jack-5
		Kannadikoyil		mango tree-1 other trees-3
117	NA	Leela Poozhikandi	10 cent	Land
				Coconut tree-10 arecunut tree-47 jack-2
				mango tree-2 other tree-1
118	52/5	Sephia	12.5 cent	Land
				Coconut tree-7 arecunut tree-8 mango
				tree-1 other tree-1
119	52/8	Maimuna	12.5 cent	Land
117	32/0	Muniyilatholi		Coconut tree-10 arecunut tree-19 teak-2
				jack-1 other tree-1
120	52/3	Suhara	12 cent	Land
120	52/5	Thoradumalayil	12 cent	Coconut tree-8 arecunut tree-50 teak-1
		Thoraciumaiayii		other tree-7
121	52/11,20,	Aboobakar	37 cent	Shed,
121	21	Koorikkunnummel	J/ Celli	Coconut tree-25 coco-58 arecunut tree-
	21	KOOHKKUIIIUIIIIIEI		
				100 nutmeg-1 teak-1 jack-1 mango tree- 2 other tree-5
122	NA	Abdulla 8- Vora	70 cent	Land
122	INA	Abdulla & Koya	70 cent	
		Puthiyottumpund Cheekilodu		Coconut tree-50 arecunut tree-70 teak-
102	40/6		24	15 other tree-15
123	48/6	Savitha	24 cent	Land
		Raroth		Coconut tree-113 arecunut tree-40
104	40 /2		(7)	coco-4 nutmeg-1 coffee-8
124	48/3	Sujeesh	67 cent	Land
				Coconut tree-26 arecunut tree-50 jack-5
105	40/10		24	other trees-2
125	48/10	Sajini	24 cent	Land
				Coconut tree-13 arecunut tree-1 coco-1
101	10.10			coffee-3 pepper-2
126	48/3	Sanila	68 cent	Land
		Thazhankiyil(gayathri)		Coconut tree-30 arecunut tree-30
				mango tree-2 jack-1
127	48	Shantha,Sandeep,Sajith	47 cent	Land
		Kizhakkumbhagathvayal		Coconut tree-25 mahagani-2 mango
				tree-1 other trees-5
128	56/49-2	Sinilisha MV	6 cent	House,well
		Manathamvayal		Coconut tree-5 arecunut tree-10
129	NA	Nazar	18 cent	Land
		Puthalath Thazhekuniyil		Coconut tree-20 arecunut tree-30
130	41/27	Rajeesh	10 cent	Land
		Changharathnattil		Coconut tree-6 arecunut tree-53 jack-1
131	41/30	Radha	7.5 cent	Land
		Puthenpurackal		Coconut tree-7 arecunut tree-16 jack-2
		Puthurvayal		,
132	41/25	Shafiya Hamsa	10 cent	Land
		,		Coconut tree-4 arecunut tree-50 jack -2
				other tree-1

133	41	Radha	7.5 cent	Land
		Puthanpurackal Kalpatta		Coconut tree-5 arecunut tree-20 jack-1
134	41	Padmini	9 cent	Land
		Eranjikampoyil		Coconut tree-6 arecunut tree-40 jack-1
135	41	Rajeesh Bhaskaran	8 cent	Land,well
		Chenghanathnattu		Coconut tree-6 arecunut tree-35 other
		38		tree-3
136	41	Lekshmi	16.5 cent	Land
150	11	Odayothparambil		Coconut tree-12 arecunut tree-40 jack-3
		Odayotiiparamon		other trees-4
137	41	Gopalan (shaji)	9 cent	Land
157	41	Changhanathnattil) cent	Coconut tree-10 arecunut tree-30
		Changnanathhattii		
420	44 /4 4			mango tree-1 jack-2 other trees-3
138	41/14	Ummarkoya & others	7 cent	House, shed, well
	43/36	Arinjhikampoyil	10 cent	Coconut tree-4 arecunut tree-17
				Coconut tree-11 arecunut tree-32
				coffee-3 jack-3 mango tree-1 coco-2
				other trees-2
139.1	41	Aneesh	19 cent	House, well,
139.2	43	Avinash	11 cent	Coconut tree-12 arecunut tree-50
				mango tree-3 puli-1 jack-3
				House,
				Coconut tree-9 arecunut tree-24 jack-3
				puli-1
140	41	Abdurahman & Nafeeza	13 cent	House,shed,well
		Iranghikkampoyil		Coconut tree-10 arecunut tree-67
		manginninipoyn		nutmeg-1 jack-5 mahagani-1 mango
				tree-2
141.1	41/8	Padmanabhan	23 cent	House,well
1 7 1 . 1	+1/0	Koorikadavil	25 cent	Coconut tree-14 arecunut tree-85 jack-6
		ROOTIKadavii		mahagani-2 puli-2 coffee-2 nutmeg-1
				mango tree-1 pepper-2 other trees-3
			16.05	
	41/5		16.25 cent	Coconut tree-13 arecunut tree-65
				nutmeg-1 jack-5 other trees-3
141.2	41/3		8 cent	Coconut tree-8, jack tree-1, Arecunut
		Sumathi		tree-29, Nutmeg-12, grampu- 1,
			6.83 cent	Coconut tree- 8. Arecunut- 18, jack
141.3	41/18	Shobhana		tree- 3 other trees- 2
	41/4	Sasi	7 cent	Cocnut tree-9, arecunut -26, mahagani-
141.4				4, jack tree-1
	41 /01	Castles	22.6	
141.5	41/21	Geetha	22.6 cent	Cocnut -20, arecunut-88, jack tree- 6,
				other trees- 10
	44/20		4.5	
	41/28	Shivadasan	15 cent	House, shed, well
142		Koorikadavu		Coconut tree-13 arecunut tree-22 jack -

				3 mango tree-2 mahagani -1 puli-1
143	41/23, 41/32, 33 42/23	Nafeesa C	32 cent 2.5 cent	House, shed, kitchen,well, coconut tree- 14, arecunut-84, jacktree- 2, mango-2, Karuva-1, other tree -3
	41/2	Saheer Ibrahimkutty	14 cent	Coconut tree-14 arecunut tree-65 mango tree-1 other tree-1
	43/18	Saheer & Shamna	4.25 cent	Land Coconut tree-19 arecunut tree-81 mango tree-2 other tree-3
	41/34	Shamzeer	10 cent	House Coconut tree-12 arecunut tree-77 jack-1
	41/23	Shamzeer & Razla	15 cent	Coconut tree-5 arecunut tree-6 other tree-1
144	41/16	Satheesh Pottankavil	29.5 cent	House,shed,well Coconut tree-22 arecunut tree-37 mahagani-4 jack-9 mango tree-4 other trees-8
145	41/20	Gopalan Chekkini	14 cent	Land Coconut tree-8 arecunut tree-65 mango tree-3 jack-1
146	41/30	Lekshmi PC Odayothparambu Nanmanda	14 cent	Land Coconut tree-52 arecunut tree-15 jack-3
	·	കാന്ത	ലാട് വില്ലേജ	
147	1497/8	Anilkumar,Kishore,Shiju Anilnivaz Mini Jisha	2.90 acre 15 cent 15 cent	Land Coconut tree-200 arecunut tree-150 coffee-150 dates-20 aatha-50 jack-3 irul-20 other tree-15
148	48/12	Abdulrasheed MK	60 cent	Land Rubber-100 coconut tree-24 nutmeg-4 arecunut tree-10 jack-5 mahagani-6
149	1495/2	Konadi Santhosh	10 cent	House,kitchen,well Coconut tree-11 arecunut tree-49 mango tree-4 pepper-12 mahagani-2 nelli-1 jack-3
150	1495/16	Manoj Valiyaparambil	13 cent	House,well Coconut tree-5 arecunut tree-8 jack-1
	1495/24	Kamala	10 cent	Coconut tree-7 jack-1 arecunut tree-3
	1495/18	Molly	14 cent	Coconut tree-7 jack-1 mango tree-1 other trees-2
	1495	Ajitha	13 cent	land Coconut tree-8
151	1495/10	Sumathiamma Poovathumcholayil	67.5 cent	Diary farm,shed 35 cows coconut tree-3
152	1463/10	Anandhakrishnan Devisathan	21 cent	Land

153	1463/2	Shantha MM	14.75 cent	House,pipeline
	,	Mandothumoolayil		Coconut tree-8 arecunut tree-20
				pepper-15 mahagani-14 mango tree-2
				jack-2 other tree-2
154	1495	Anandhan	85 cent	House,shed,well
		Kizhakkekurumboyil		Coconut tree-60 arecunut tree-80
				pepper-5 jack tree-3 nutmeg dates
				other trees
155	1493/5	Rajan	85 cent	House,shed-2,well
		Kizhakkekurumboyil		Coconut tree-50 arecunut tree-103
				pepper-10 jacktree-4 mango tree-4
				other tree-5
156	1494/6	Balan , Salojini, Jilesh	56 cent	House,shed,well
		Vadakkayil		Coconut tree-35 arecunut tree-74 jack-
		-		11 mango tree-2 pepper-15 irul-4
				other trees-10 nutmeg-4 teak-3
157	NA	Kurumboyilmahal	10 cent	Land
		Muslim Jamayath		Coconut tree-8 arecunut tree-15
158	1494	Janakiamma	7.25 cent	House,well
		Kizhakkekurumboyil		Coconut tree-4 arecunut tree-8 jack-2
				mango tree-4 rambutan-1 mahagani-2
				nutmeg-1 other tree-4
159	1494/3,4,1	Siji	25R	House,shed
	0			Coconut tree arecunut tree other tree
160	1494/12	Shivadasan	27 cent	House,well
				Coconut tree-19 arecunut tree-25 jack-
				8 mango tree-6 pepper-6
		Radha	23 cent	Coconut tree-16 arecunut tree-
				25pepper-9 puli-1 other tree-4
		Janu	22 cent	Coconut tree-10 arecunut tree-20
				other tree-9 jack-8
161	1492/6	Sunilkumar	16.9 cent	LandCoconut tree-19 arecunut tree-10
162	65/11	Bhanumathi	75 cent	LandCoconut tree-59 arecunut tree-
	1495/26,7	Pallikkaraamma		107 teak-4 mango tree-6 other trees-4
			24 cent	Coconut tree-9 arecunut tree-6 other
				tree-11
163	56	Balan KP	1 acre	House, shed, well, ponds-2, fiencing
		Pulari Kakkoor	2 acre	Coconut tree-205 arecunut tree-160
		Kinalur & Kanthanadu		coco-230 rubber-240 jack-38 mango
				tree-9 dates-15 badam-2 pepper-42
				rambutan-2 coffee-8 nutmeg-20
				dripirrigation, virmi compost
164	NA	Sheeba	60 cent	Land
		Tharolpoyil Madavoor		Coconut tree-55 arecunut tree-50
				other trees-15 dates-3
165	NA	Girija	60 cent	Land
		Karichaarpookal		Coconut tree-55 arecunut tree-30
		Avidanalloor		mango tree-15 dates-3 other trees-10

166	1493/12	Nalini	60 cent	Land
		Koorikkunnumel		Coconut tree-40 arecunut tree-90 jack-
				4 mahagani-5 other tree-10 bamboo-1
167	1495	Krishnakumari	41 cent	House
				Coconut tree-28 arecunut tree-35
				mango tree-4 jack-6
168	1495	Basheer V	9.5 cent	House,well
				Coconut tree-6 arecunut tree-25
				rambutan-1 mango tree-1 nutmeg-1
				sabarjil -1
169	1495/15	Mukundan	50 cent	House, well, Gulikan Thara, Coconut
		Valiyaparambil		tree-46 arecunut tree-49 jack-1
				nutmeg-10 coco-22 dates-3 mango
				tree-4
170	1495/9	Romila CV & Gokul	1.7acre	Land, pumbhouse
	1495/8		4R	Rubber-450 coconut tree-100 arecunut
				tree-150 mango tree-2 jack-1 teak-1
171	1495	Balannair	40 cent	House,well
			21.5 cent	Coconut tree-35 arecunut tree-40 jack-
				3 mango tree-1 pepper-4 other tree-1
				Kinalur village:
				Coconut tree-20 arecunut tree-4
172	1495	Sarojini	86 cent	Land
		Veerambra		Coconut tree-44 arecunut tree-3
				rubber-160 ayini-1
173	1497/6	Sharmilakumari NP	3.11 acre	Land, Coconut tree-110 arecunut tree-
		Madhavibhavan		10 pepper-25 jack-12 mango tree-5
				other tree-12
174	1494	Sindhu	16.75 cent	House, well, Coconut tree-14 arecunut
		Vadakkayil		tree-65 mahagani-6 pepper-4 jack-3
				other tree-4
175	1492/12	KN Velayudhanpillai	65 cent	Land, Coconut tree-60 arecunut tree-
		Vrindhavanam		70 jack=-1 mango tree-3 other trees-4
176	NA	Family Health Centre	NA	Building
177	1495/25	Indhira	62 cent	Land,Coconut tree-45, arecutnut-35,
				Rubber-145, jack-1, mangotree-1,
				peper-5
178	NA	Naseera Habeeb	18 cent	Land Coconut -21, arecunut -10, jack
		Ottapilakkool,		tree-1
		Kappuram		Mango tree-1
179	NA	Komala K P	46 cent	Land, Coconut -40, arecunut -10, jack
		Kuthukallullathil		tree-5
				Mango tree-2
			lur Village	
180	43/26	Raveendran	10 cent	Land, Coconut tree- 11, arecunut tree-
		Madathilparambathth		40, jack tree- 2, mahagani- 1
181	43	Rafeeq Kizhakkoth	27 cent	Lanad, Coconut tree-8, arecanutt- 6
182	50/31	Sreekanth Kaippurath	9.34 cent	Land, coconut tree-12, arecunut-8
		Akhila, Balussery	9.11	other trees-1
183	57	Moitheenkoya (late)	, 27 cent	Land, coconut- 20, arecunut- 25, jack

		Naduvilakkandi Maimuna Vattakkulangara Laila Naduvilakkandi Mumthaz & Ramla	12 cent	tree-8, Teak-1
184	43	Madhavakkurup & others S/o Chandhu Nair, Modakkallur, Atholi	7 Ares	Side wall, coconut tree-12 arecunut tree-12 other trees-2
185	43	Vasu, Sajeevan, Sajitha Madathiparampath	87 cent 7.25 cent 67 vent	Land, well, coconut tree-26 arecunut tree-23 jack tree-1 mahagani-6 mango tree-4
186	1492/19 1463/15	Sathi Sreedharan Kurumpoyil	6 ares 51 ares	Land, coconut tree-79 arecunut tree- 65 jack tree-2 dates-2 pepper-3 other tree-5
187	1463/1	Chandrasekharan Kurumpoyil	85.3 cent	Land
188	1463/3 1463/20 1463/22	Sheela Vasu Vaisakh	6 cent 4 Ares 2 cent	House, cowshed, well coconut tree-17 arecunut tree-38 pepper-14 anjili -1 mahagani-1 other trees-2 jack tree-15 mullatha-2 nutmeg-2 karuva-2 rambutan-2 mango tree-2
189	1463/23 1463/24 1492/18	Unnikrishnan Kurumpoil	3 Ares 7 Ares 81.Ares	House, well coconut tree-148 arecunut tree-400 jack-16 mango tree-10 dates- 2 nutmeg-1 pepper-10
190	1492	Geetha Geethalayam	82.5 cent	House, well coconut tree-55 arecunut tree-30 mango tree-2 jack tree-6 mahagani-2 other trees-10
191	1492/18 1463/12 1492/15 1492/6 1492/9 1492/10 1463/31	Syamaprasad & Sivaprasad Shonima Vasantha Sumajetsaon	23.75 cent 15. cent 25 cent 51 Ares 6 Ares 4 Ares 2 Ares	House,land,well coconut tree-4 arecunu tree-4 cashew-1 Coconut tree-80 arecunut tree-60 mango tree-10 jack tree-10 cashew-3 dates-1 nutmeg-2 Coconut tree-4, arecunut tree-10, nutmeg-3 Coconut tree-83 arecunut tree-75 mango tree-4, jack tree-7 pepper-10 other tree- 2 Coconut tree-18 arecunut tree-35 pepper-1
192	1493/13	Babu Punnathramalayil	20 cent	House,well coconut tree-18, arecunut tree-23 mango tree-2 mullatha-1
193	1463/29 1463/30	Sudheesh Kurumpoyil	10.5 cent	Land, coconut tree-5 arecunut tree-10 mahagani-2 other trees-5
194	1492/16	Mandothummula Bhagavathi Temple	12 Ares	Land,temple,well
195	1463/7	Mohan Kumar, Manuvihar	80.5 cent	House, shed-3, well coconut tree-50 arecunut tree-25 nutmeg-2 mango tree-4 jack tree-7 mahagani-2
196		Syamala Punnathramalayil	10 cent	House, well coconut tree-2
197	1492/10	Sugunan Cheirya Anela	5 Ares	Land coconut tree-8 arecunut tree-

				13
	1492/13	Sahajanandhan	4 Ares	Coconut tree-4
	1492/17	Rathnavalli	13 Ares	Coconut tree-32 arecunut tree-88 other trees-5
	1492/11	Ramyasree	22 Ares	Coconut tree- 35 arecunut tree-44 jack tree-1 cashew-2 other trees-7
198	1492/7	Rajalkshmi Vasu Kolliyil	9 Ares	Land, coconut tree-15 arecunut tree- 41 palm tree-1 jack tree-1

Table No.4.1 shows the total impact of the land acquisition for setting up AIIMS in Kinalur and Kanthalad villages.

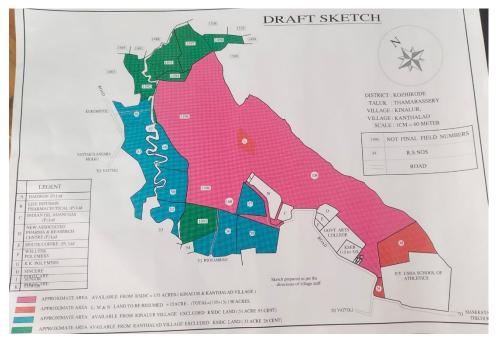
4.3 Land Requirements for the Project

	Table No.4.2 Land Required for the Project			
Sl. No.	Survey No.	Villages	Affected Area (Hectors)	
1	41, 43, 46, 48, 50/1, 2, 3, 4, 52/1, 2, 56/1, 2, 57,	Kinalur		
	58		40,6002	
2	Un Survey No		40.6802	
	1463/1, 1463/2, 1463/4, 1492/1, 2, 3, 5, 1493/2,	Kanthalad		
	3, 1494, 1495/1, 2, 3, 4, 5, 1496/1, 3, 4, 5, 1497/2			

Table No.4.2 shows that the proposed land for setting up AIIMS requires 40.6802 hectors of land.

The affected area is under private possession.

4.4 Site Sketch Plan



4.5 Use of Public Land

There is family health centre which is affected by the acquisition in the alignment except the existing roads.

4.6 Land Already Purchased

More than hundred acres of land required for the AIIMS is taken from the land already purchased for the KSIDC.

CHAPTER 5 ESTIMATION AND ENUMERATION

This chapter presents the livelihood affected families and the scale of impact on the affected families. It also mentions about loss of properties of the affected. Besides, this chapter provides an estimation of the units affected at the marked alignment in Kinalur and Kanthalad villages of Thamarassery Taluk, Kozhikode District.

5.1 Number of Properties Affected

The property area extending up to 40.6802 hectors in the proposed site for setting up the AIIMS that comes under the purview of SIA study is affected by the project. There are 183 landholdings (households) owned by 244 landholders and their dependents.

Table No. 5.1 Properties affected			
Sl. No.	Name of Villages	No. of landholdings	
1	Kinalur	152	
2	Kanthalad	46	
	Total	198	

Table No. 5.1 shows the village vs. number of landholdings affected by the acquisition. There

are 152 land holdings in Kinalur village and 46 land holdings in Kanthalad village.

5.2. Water sources affected

	Table No. 5.2 water sources affected			
Sl. No.	Items	Number		
1	Wells	105		
2	Pipeline	3		
3	Ponds	4		
4	Brooks	1		
5	River	1		
	total	114		

Table No. 5.2 shown the number of water sources affected

5.3 Extent Affected

Table No. 5.3 Extent Affected			
Extent	Frequency	Percent	
Fully affected	197	100	
Total	197	100	

Table No.5.3 shows the extent of land or property affected by the acquisition. All the 197 land holdings owned by 270 people completely affected by the acquisition.

5.4 Ownership of the Land

Table No. 5.4 shows the nature of the ownership of the listed land. 116 Out of the 183 land holdings ownerships are hereditary, 64 land ownerships by purchase, 2 land ownerships obtained by the Panchayath scheme. There is one land and building belongs to health department.

Table No. 5.3 Type of Land Ownership			
Ownership Type	Frequency	Percentage	
Hereditary	126	64	
Purchased	68	34.5	
Panchayath scheme	2	1.0	
Government land	1	0.5	
Total	197	100.0	

5.5 Land documents/Patta for the Land

The responses of property holders reveal that all the 197 directly affected families have *all documents*/deed for their entire property.

5.6 Current Use of the Affected Property

Table No. 5.5 Use of Land/Property			
Items	Frequency	percentage	
Land and house	94	47.2	
Agricultural land	89	45.2	
Land and building	10	5.1	
Temporary hotel (thattukada)	1	0.5	
Govt. & ration shop	2	1.0	
temple	1	0.5	
Total	197	100	

Table No. 5.5 shows the use of the land affected by the acquisition. Out of the total 197 landholdings, 10 landholdings are having land and building. 94 land holdings have land with houses,. There are 89 landholdings with agricultural assets. One land is with a thattukada and 2 lands -1 is a ration shop and the other one is a family health centre. One land is a Bhagavathi temple

5.7 Total Land Possessed

Table No. 5.6 Total Land Possessed			
Land in cents	Frequency	Percent	
Below 5 cents	11	5.6	
6-10 cents	40	20.3	
11 - 20 cents	52	28.4	
21 - 30 cents	27	13.7	
31 - 40 cents	9	4.6	
41 - 100	49	24.9	
Above 1 acre	7	3.6	
Govt. land	1	0.5	
NA/NR	1	0.5	
Total	197	100	

Table No. 5.6 shows the details of land possession in the affected area by the project affected families. 11 landholders have land below 5 cents. 40 land holders have land between 6 and 10 cents, 52 landholders have land between 11 cents and 20. 27 land holders have land between 21 and 30 cents. 9 landholders are with 31 to 40 cents. 49 landholders have 41 to 100 cents. 7 landholdings have 1 above 1 acre of land. One land is family health centre and one is details not responded.

5.8 Possession of Other Lands

Table No. 5.7 Possession of Other Lands				
Any other land	Frequency	Percent		
Yes	99	54.1		
No	82	44.8		
NA/NR	1	0.5		
Govt.	1	0.5		
Total	183	100.0		

Table No. 5.7 shows the details of possession of land anywhere else. 99 out of 183 stated that they have land other than the land in the project alignment. 82 of them stated that they do not have any other land. 1 landholder did not respond. I is a govt. land

5.9 Affected social categorisation

Table No. 5.7 Social Categorization			
Category	Frequency	Percent	
Scheduled caste	8	4.4	
Scheduled tribe	9	4.9	
OBC	134	68	
General	42	21.8	
NA/NR	1	0.5	
Not applicable	1	0.5	
Total	197	100.0	

Table No. 5.7 presents the social category affected by the project. There are 8 households belonging to scheduled caste and 9 household belonging to scheduled tribe. 42 general families affected by the acquisition. At the same time 134 families are of Other Backward Communities. One of them did not respond.

5.10 Difficult Situations in the Affected Families

Table No. 5.8 Members with chronic diseases				
Diseases	Frequency			
Cancer	7			
Others	23			
Stroke	3			
Heart diseases	17			
Aged	12			
Differently abled	15			

Table No. 5.8 shows the health conditions in the families affected by the acquisition. Among the affected families, 15 households are difficult situations like disability, mental stability etc. 12 of the housed holds have aged people and in 17 households are persons with heart problems. 7 families have cancer problems and three other are with stroke. 21 families have other health issues. 3 persons are suffering with stoke.

CHAPTER 6 SOCIO – ECONOMIC DESIGN

6.1 Preface

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

6.2 Family Details

	ആകെ ബാധിതരായ അംഗങ്ങൾ/ആശ്രിതർ						
(ctr	സർവേ	ഭൂമി ഉടമസ്ഥർ	Mobile	പുരുഷൻ	സ്ത്രീ	ആകെ	
<i>.</i> ന.	നമ്പർ		No.				
		കിനാഭ	ലുർ വില്ലേജ്				
1	56/47	Sharathamma pallickalamma	9946271076	1	4	5	
		chathanveedu					
2	43/10	Ramadevi kurumboyil meethal	9048580519	1	5	6	
3	56	Devakiamma & others	9495481847	1	5	6	
4	56/45	Chandran	9495481847	2	3	5	
		Chathanveedu					
5	50/15	Fousiya & Thahakutty		3	3	6	
		Payattukala					
6.1	58/50,	6.1 Radhakrishnan	9496341461	2	2	4	
6.2	58/51	6.2 Radhamma					
		Sreehouse Kariyathankaavu					
7	43	Deepna	9846675090	1	3	4	
		Kuttiyapurath – Chaithanya					
8	n/a	Unni CV	9539659122	2	2	4	
9	56/36,37	Prakashan MV	9947810357 2		2	4	
		Chathanveedu					
10	56/6,	Rajan	9995536234	4	3	7	
		Cherukkavu					
11	56/48	Parvathiamma & others	9061673515	0	1	1	
		Chathanveedu					
12	56/48	Unnikidavu	9744038587	2	1	3	
		Thenghinthottathil					
		Chathanveedu					
13	58/11	Savithripallikkalamma	8590295939	2	3	5	
	58/55	Chathanveettil					
14	48	Samesh	9061651534	2	3	5	
		Raroth House					
15	50/25	1. Abdurahman Payattukala	9526860898	1	1	2	
	50/12	2. Fathima					
16	50/26	Haseena	9847978873	2	1	3	
17.1	50/11	Ibrahim		2	3	5	
17.2	50/21	Amina					
18	56/2	Vijayan CV	9539536656	2	2	4	

		Vrindavan Chathanveedu				
19	NA	Shiju KK	9544109193	2	3	5
20	50/23	Basheer[late] Asiya Payattukala	9605803064	3	3	6
21	50/40	Lekshmi & Sasi Payattukala	9605505509	1	2	3
22	50/27	Abdulrazak Payattukala	9605312597	3	2	5
23	50/8	Sumathiamma & Sini Karumbayil	8086363413	1	3	4
24	50/18 50	Valsala & Damodaran Payattukala	7994477017	3	3	6
25	48/11	Sooraj Raroth House	9544263908	2	3	5
26	43/12 50/9 48/9	Vasu, Madathil Parambu Sajeevan	9544091075	2	3	5
27.1 27.2	43 48 47	Mohanan Nair Kalyaniamma[late] Rarothhouse[meethal]	9048162080	1	3	4
28	NA	Rajani Madathilparambath	9747829606	1	3	4
29	NA	Radha EK[Shaji master] Vattakuruvil Koranghadu	9497083366	1	1	2
30	43	Suresh AV Kunnothpoyil	9846675384	2	2	4
31	50/10	Shafeek Payattukala	7306684616	2	1	3
32	50	Nalini	7306852197	3	3	6
33	58	Babu CV Chathanveettil	9847109581	3	3	6
34	43/15	Bhaskaran Kunjichekkini Koorikadavil	9745247721	1	0	1
35.1 35.2	41/10,26,2 9 43/13	Krishnan Eranjikampoyil Sarojini & Krishnan	9539253723	3	2	5
36	52	Abdul Nazar	9847436670	3	2	5
37	NA	Pushpaadharan PP Cherichilparambath	9947434307	3	2	5
38	50/36	Shareefa & Saheera	8086550773	2	4	6

39	43/50 46/4	Siraj,Shajith & Shaji Cheekkilod Atholy		7	8	15
40	43/3	Krishnaraj KK Devisathan	8606060654	2	2	4
41	43	Mallika Plathottathil Moorikadavu Kannadipoyil	9847852049	1	1	2
42	46.8	Anshara C Paniyullathil Darutwaiba House	9946708911	2	2	4
43	46	Nafiza & others Kodakkandathik	9847857654	8	7	15
44	43/42	Majeed & Pathumma Kooridavil	9645157904	6	5	11
45	50/14	Geetha & Kunjikrishnan Thalakulathoor Kizhakkekariyattil	9745117585	3	2	5
46	43/40 43/41	Abdul Azeez	9048995714	2	3	5
47	43/32	Velayudhan KP	9847852049	1	1	2
48	43/28	Lineesh Kumar & Dhanya Koorikadavil	9961084570	3	2	5
49	43	Dinusha Echinghapoyil	9846655090	3	1	4
50	43/23	Azila & Rafeek Madathiparambath	9847759288	3	2	5
51.1 51.2	43/39 43/44	Rajan kottakandathil Ochoth House,Kurumboyil Rajesh & Renjusha	9744583659	2	4	6
52	43	Asna Koorikunnummel	9745272396	3	2	5
53	43	Gireesh&Vijitha Bharathi Bhavan	7736757435	2	3	5
54	43/59	Smitha &Shiju Kailasam	9745748447	2	3	5
55	43/7	Santhoshkumar Sreedevikripa Madathiparambath	9745465207	1	3	4
56	43/5 48	Sasidharan Kottakandathil House	7559814273	2	3	5
57	43/58 43/57	Sreeja UV Brookland	9961624747	2	3	5
58	93/60	Sasikumar Brookland	9744525458	2	1	3
59	43/54	Rakesh Brookland	9744525458	2	2	4
60	43/61	Rajeevan[late] Brookland	9847864119	1	1	2

61	43/24	Subramanyan & others	9847861119	4	4	8
	43/62	Ambady, Sumangala				
62	43/56	Vijayan[late]	9745910126	1	4	5
	43/55	Sarovaram				
63	43	Manoj	9846675090	3	1	4
		Malariyath				
64	43	Sreenivasan	9846675090	1	3	4
		Madathi parambath				
65.1	46/5	Siddique	9847829438	4	4	8
65.2	43/21	Karimbinthari[Manjambrakand				
((42	i Nafeez]	0544001075	2	3	5
66	43	Sajeevan	9544091075	2	3	С
67	43	Madathiparambath KK Kunjikanaran	8589866611	4	1	5
07	43	Devisathan	030900011	4	1	5
		kurumboyil				
68	43/66	Ashraf	854743723	3	2	5
	157 00		031113723	5		5
69	43/64	Shareefa	8606199771	4	1	5
	57/20					
70	57	Zareena	8606199771	0	5	5
		Chathanveedu				
71	43	Abdurahman[late Sufaira	9745206131	5	5	10
		Akavayal Nilamparambu]				
72	43	Siddique	7510168018	2	4	6
73	43	Rajesh& Reshma	9745910734	2	3	5
15	4.5	Mandothummoola	J74JJ107J4	2	5	5
74	50/38	Vishnu	7902626004	2	4	6
	50750	Brookland	7702020004	2	Т	0
75	50/24	Vijayan	9961888529	1	3	4
10	50/21	Kizhakkekurumboyil	<i>))</i> 0100032/	1		•
76	43	Shivanandhan	9539251888	2	2	4
		Rationshop				-
77	46	Moideenkoya	8606199771	4	1	5
	52					
78	43	Ismayil	9847191570	3	1	4
		Kurumboyil				
79	57	Minaz	9495307885	3	3	6
		Rarothmukku				
80	46	Abdurahman	9747405783	2	5	7
04			0.000000			
81	57/17	Moideen & Safiya	9656739735	4	1	5
		Chathanveedu				
82	57/19	Girija & Meenakshi Amma	9048166925	3	5	8
	51/17	Chathanveeduy	201010020	~		0

83	57/10	Shyamala Chatahanveedu	7025916436	1	1	2
84	58/4	Vasudevan Chathanveedu	9562075904	2	2	4
		Aswathy	9048842906			
85	58/39	Sanathkumar Chathanveedu	9746893546	2	2	4
86	58/49	Sumathi&Chandran	9995498984	4	2	6
		Shalu & others	7907049365			
87	56/41	Chandramathi Pallikaramma Chathanveedu	8086013530	0	1	1
88	57/4	Jameela zachariya Chathanveedu	9847989811	2	2	4
89	57	Abdulkhader & Rukiya Chathanveedu	9061614237	1	3	4
90	58	Sasi & Soumini Chathanveedu	9747125970	2	2	4
91	10/124	Sasi & Anitha	9961540226	2	1	3
92	56/42	Unnimadhavan Chathanveedu	7592985618	2	1	3
93	57/7	Khadeeja Chathanveedu	9072368273	3	2	5
94	58/14	Raghavan CV	8157914549 9744595090	2	1	3
95	58/2	Beena & Sobisha	9846508474	0	4	4
96	58/4	Praseetha	9745311814	3	2	5
97	58	Shobhana M	9562831143	1	1	2
98	58	Vijayaraj KV	9562831143	2	0	2
99	56/13	Ashraf & Nafeeza Chathanveedu	9995688382	1	1	2
100	56/40	Kumarankidavu	9645480448	3	3	6
101	43/19 43/20	Sumathi Shijitha Rejeeshkumar	9747522396	2	3	5
102	56/2	Leelamma	9605200340	2	3	5
103	56/2	Radhamma	9605200340	2	3	5
104	56/2	Vijayan Chathanveedu	9605200340	1	2	3
105	58/61,62,6 3,64	Balakrishnan & Shyamala K	9961248571 9645400886	1	1	2

106	58/7	Manojkumar Chathanveedu	9562136487	3	1	4
107	58	Shobhana	9400155622	1	1	2
108	58	Savithri Kuniyil Narikkuni	8289904322	1	3	4
109	58	Pushpa & Sreedharan Sreepuri Kalyani	9847525585	4	2	6
110	58/18	Mohanan Areekara	9645500282	2	2	4
111	58/4	Rabiya Chathanveedu	9947584978	3	4	7
112	52/15	Arifa Payattukala	9562935380	2	1	3
113	52/1	Hairunnisa	9656308378	2	2	4
114	52/24	Rafeek	9747049278	2	3	5
115	NA	Shailaja Panicker Chathanyeedu	7034677090	0	2	2
116	52	Surendran Kurukkinmel Kannadikoyil	9744303799	3	2	5
117	NA	Leela Poozhikandi	9744303799	2	4	6
118	52/5	Sephia	9048902605	1	1	2
119	52/8	Maimuna Muniyilatholi	9645398524	2	1	3
120	52/3	Suhara Thoradumalayil	9947990168	3	2	5
121	52/11,20,2	Aboobakar Koorikkunnummel	7025033616	2	3	5
122	NA	Abdulla & Koya Puthiyottumpund Cheekilodu	9946709408	7	5	12
123	48/6	Savitha Raroth	9947820097	2	2	4
124	48/3	Sujeesh	9048170462	2	2	4
125	48/10	Sajini	9495862062	1	3	4
126	48/3	Sanila Thazhankiyil(gayathri)	9496134338	3	1	4
127	48	Shantha,Sandeep,Sajith Kizhakkumbhagathvayal	9946813783	4	2	6
128	56/49-2	Sinilisha MV Manathamvayal	9048517100	2	2	4
129	NA	Nazar Puthalath Thazhekuniyil	9744069840	3	3	6

130	41/27	Rajeesh Changharathnattil	9496645896	1	0	1
131	41/30	Radha Puthenpurackal Puthurvayal	9048764647	2	3	5
132	41/25	Shafiya Hamsa	9847759288	3	2	5
133	41	Radha Puthanpurackal Kalpatta	9544283026	1	2	3
134	41	Padmini Eranjikampoyil	9544283026	0	1	1
135	41	Rajeesh Bhaskaran Chenghanathnattu	9947666881	1	0	1
136	41	Lekshmi Odayothparambil	9544283026	2	2	4
137	41	Gopalan (shaji) Changhanathnattil	9446645896	2	4	6
138	41/14 43/36	Ummarkoya & others Arinjhikampoyil	9847024368	4	1	5
139.1 139.2	41 43	Aneesh Avinash	9961440980	4	3	7
140	41	Abdurahman & Nafeeza Iranghikkampoyil	9947744368	2	4	6
141.1	41/8 41/5	Padmanabhan Koorikadavil	9961237502	1	4	5
141.2	41/3	Sumathi		0	1	1
141.3	41/18	Shobhana		0	1	1
141.4	41/4	Sasi		1	0	1
141.5	41/21	Geetha		0	1	1
142	41/28	Shivadasan Koorikadavu	8086287845	1	3	4
143	41/23, 41/32, 33 42/23	Nafeesa C	9562000762	5	7	12
	41/2	Saheer Ibrahimkutty		1	0	1
	43/18	Saheer & Shamna		0	1	1
	41/34	Shamzeer		0	0	0
	41/23	Shamzeer & Razla		0	1	1
144	41/16	Satheesh Pottankavil	9048580950	1	3	4

145	41/20	Gopalan Chekkini	9446645896	2	4	6
146	41/30	Lekshmi PC Odayothparambu Nanmanda	9544283026	2	3	5
			ചാട് വില്ലേജ്		1	
147	1497/8	Anilkumar,Kishore,Shiju Anilnivaz Mini Jisha	9947305929	6	6	12
148	48/12	Abdulrasheed MK	9961436227	2	2	4
149	1495/2	Konadi Santhosh	9995191777	3	4	7
150	1495/16	Manoj Valiyaparambil	9946163996	4	1	5
	1495/24	Kamala		1	0	1
	1495/18	Molly		1	0	1
	1495	Ajitha		1	0	1
151	1495/10	Sumathiamma Poovathumcholayil		2	3	5
152	1463/10	Anandhakrishnan Devisathan	8606060315	1	1	2
153	1463/2	Shantha MM Mandothumoolayil	9605930289	3	3	6
154	1495	Anandhan Kizhakkekurumboyil	9961848526	1	1	2
155	1493/5	Rajan Kizhakkekurumboyil	9947642301	3	1	4
156	1494/6	Balan , Salojini, Jilesh Vadakkayil	9961301769	2	1	3
157	NA	Kurumboyilmahal Muslim Jamayath	9961736723	0	0	0
158	1494	Janakiamma Kizhakkekurumboyil	9946318301	4	2	6
159	1494/3,4,1 0	Siji	9747405709	0	1	1
160	1494/12	Shivadasan	9605403078	2	2	4
		Radha		1	0	1
		Janu		1	0	1
161	1492/6	Sunilkumar	9048580519	1	0	1
162	65/11 1495/26,7	Bhanumathi Pallikkaraamma	9744928652	4	4	8

1(2		D 1 VD	0047604064	4	2	7
163	56	Balan KP Pulari Kakkoor	9847604861	4	3	7
		Kinalur & Kanthanadu				
164	NA	Sheeba	0744909262	2	1	3
104	INA	Tharolpoyil Madavoor	9744808262 2		1	3
175	NA		0544900694	3	2	5
165	INA	Girija Kariahaannaakal Aridanallaan	9544800684	3	2	5
1((1402/12	Karichaarpookal Avidanalloor Nalini	(025174170	2	2	4
166	1493/12	Koorikkunnumel	6235174170	2	2	4
1(7	1495	Krishnakumari	0046024175	1	1	2
167	1495	Krisnnakumari	9846934175	1	1	2
168	1495	Basheer V	9744582214	3	2	5
100	1475	Dasheer V	7777502217	5	2	5
169	1495/15	Mukundan	9846317892	2	1	3
107	1475/15	Wukuhuan	J0+0J170J2	2	1	5
170	1495/9	Romila CV & Gokul	9048032178	1	1	2
170	1495/8	Kolima CV & Ooku	5010032170	1	1	2
171	1495	Balannair	9947735359	1	1	2
1,1	1175		· · · · · · · · · · · · · · · · · · ·	1	1	-
172	1495	Sarojini		4	6	10
	1170	Veerambra			, in the second se	
173	1497/6	Sharmilakumari NP	9447020317	2	1	3
	, .	Madhavibhavan				-
174	1494	Sindhu	9567069107	2	2	4
		Vadakkayil				-
175	1492/12	KN Velayudhanpillai	8129752188	3	6	9
	,	Vrindhavanam				
176	NA	Family Health Centre		0	0	0
		, ,				
177	1495/25	Indira	9739115344	3	3	6
	,		8951039554			
178	NA	Naseera Habeeb	9961654407	3	2	5
		Ottapilakkool, Kappuram				
179	NA	Komala K P Kuthukallullathil	9539282803	3	2	5
180	43/26	Raveendran	8590579577	1	3	4
		Madathilparambathth				
181	43	Rafeeq Kizhakkoth	9745333397	2	3	5
182	50/31	Sreekanth Kaippurath	9747641188	2	4	6
		Akhila, Balussery	8921135198			
183	57	Moitheenkoya (late),	9567977393	0	4	4
		Naduvilakkandi				
		Maimuna Vattakkulangara				
		Laila Naduvilakkandi				
		Mumthaz & Ramla				
184	43	Madhavakkurup & others	9947314610	3	1	4
		S/o Chandhu Nair,				
		Modakkallur, Atholi		1		

	1.2					
185	43	Vasu, Sajeevan, Sajitha Madathiparampath	9961370624	2	3	5
186	1492/19 1463/15	Sathi Sreedharan Kurumpoyil	9809803334	3	1	4
187	1463/1	Chandrasekharan Kurumpoyil	9495697185	4	1	5
188	1463/3 1463/20 1463/22	Sheela Vasu Vaisakh	9645179217	3	2	5
189	1463/23 1463/24 1492/18	Unnikrishnan Kurumpoil	974573730	3	2	5
190	1492	Geetha Geethalayam	9539269191	3	3	6
191	1492/18 1463/12 1492/15 1492/6 1492/9 1492/10 1463/31	Syamaprasad & Sivaprasad Shonima Vasantha Sumajetsaon	9961163139	3	2	5
192	1493/13	Babu Punnathramalayil	9847793697	2	3	5
193	1463/29 1463/30	Sudheesh Kurumpoyil	9645460055904 8147944	4	3	7
194	1492/16	Mandothummula Bhagavathi Temple	9961163139	0	0	0
195	1463/7	Mohan Kumar, Manuvihar	9562616471	2	3	5
196	NA	Syamala Punnathramalayil	9539184803	1	2	3
197	1492/10 1492/13 1492/17 1492/11	Sugunan Cheirya Anela Sahajanandhan Rathnavalli Ramyasree	9847651429	3	2	5
	1492/11	Ramyasice				

Table No. 6.1 shows the details of families. A total 933 members - 452 male and 481 female - from 197 families are directly affected by the acquisition. One family detail is not available.

6.3 Monthly Family Income

Table No. 6.2 Monthly Income of the Land Owners					
Income range	Frequency	Percent			
Below 10,000	113	57.4			
10,001 - 20,000	46	23.4			
20,001 - 30,000	27	13.7			
Above 31,000	8	4.5			
NA/NR	2	1			
Not applicable	1	0.5			
Total	197	100.0			

Table No. 6.2 shows the monthly income details of the land owners. Out of 183 landholdings affected, 110 of them stated that their family income is below Rs. 10,000/- per month. Another 40 of them said their family income is between Rs. 10,001/- and Rs. 20,000/-. 24 of them said their income is between Rs. 21,001/- and Rs. 30,000/-. 7 of them have income more than Rs. 30,000/ in a month. There are 2 land holdings coming under the no response/ not applicable category.

6.4 Effect on Family Income

Table No. 6.3 Effect on Family Income		
Responses	Frequency	Percent
Yes	189	95.9
No	5	2.5
NA/NR	3	1.6
Total	197	100.0

Table No.6.3 shows the impact of the acquisition on the family income of the affected. 176 out of 183 land holdings said that their family income is affected by the acquisition while 5 of them stated their family income is not affected 1 is unreachable and 1 is not applicable.

Table No. 6.4 Major Source of Income		
Source	Frequency	Percent
Govt. job	7	3.6
Rent	5	2.5
Business	6	3.0
Coolie	52	26.4
Agriculture	74	37.6
Pension	19	9.6
Others	21	10.7
Driver	9	4.6
NA/NR	1	05
Total	197	100.0

6.5 Employment/Major Source of Income

Table No.6.4 shows the details of major income source of the landholders. Out of 197 landholdings, 74 of them stated that their major source of income is agriculture. 70f them is in govt. jobs, Coolie labour is the source of income for 52, pension is the source of income for 19, 21 families are in other income source group, 6 landholders have business and 2 of the landholders did not respond and 1 is not applicable.

6.6 Type of Ration Card

Table No. 6.5 Type of Ration Card			
Туре	Frequency	Percent	
APL	127	64.5	
BPL	61	31.0	
Anthyodaya	3	1.5	
Not applicable	6	3	
Total	197	100.0	

Table No.6.5 shows the type of ration cards possessed by the landholders. Out of 183 landholders 127 of them are APL. There are 61 land owners who possesses ration card in the BPL category. 3 are with Anthyodaya card, 6 landholders are not responded / not applicable.

CHAPTER 7

PLANNING OF COUNTER – IMPACT IMPLEMENTATION

7.1 Approaches to Impact Mitigation

The social counter-impact project has been planned to reduce/mitigate the social impact caused in connection with land acquisition. Land/property owners mainly demand for satisfactory compensation. Therefore, what has been proposed as a counter–impact mitigation step is to calculate the amount for the loss of land 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

As per the RFCTLARR Act, 2013 the compensation for the land acquisition in rural areas is four times of the value and in urban areas it is two times of the value. The entire affected area is coming under rural area and during the SIA study the team got the feedback from majority of the affected community that they are willing to give their land if a fair compensation is given. Make the compensation payment at the appointed time as per the strict execution of RFCTLARR Act, 2013 which insists on Fair Compensation, Transparency, Rehabilitation, Resettlement and other packages if required.

7.3 Measures Included in Rehabilitation and Resettlement

Compensation as outlined in the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013 shall be provided to the affected. The proponent also shall clearly and transparently uphold the provisions of the Act and disseminate the compensation for rehabilitation and resettlement packages as per the Act and as per the directions from the government as and when required. It includes the land value compensation, properly and fairly assessed structured property values and support services respecting the grievances of the affected, etc.

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

The Requiring Body need to make a separate budget to provide compensation in par with the present money value, inflation and market realities particularly in Kerala. The affected are giving up their valuables for the benefit of the larger public and their sentiments/ emotional attachment to the property, income loss etc. should be considered with at most reality.

Table No. 7.1 Alternate alignment suggested		
Responses	Frequency	Percent
Yes	1	0.5
No	196	99.5
Total	197	100

7.5 Alterations to Project Design to Reduce the Social Impact

Some of the affected suggested an alternate alignment. Majority were supporting the alignment as well as the need for the approach road and the bridge. Majority (196 out of 197) of the affected supported with the present alignment and only one suggested other area.

7.6 Impact Mitigation and Management Plan

Based on the desk review, field investigations and consultations undertaken during the social impact assessment study for the land acquisition for setting up AIIMS, the following Social Impact Mitigation Plan (SIMP) has been developed to mitigate the negative social impact that may arise. The responsibility for the incorporation of mitigation measure for the project implementation lies with the district administration and the proponents. This mitigation plan is addressed to reduce the negative social impact of the acquisition of 40.6802 hectors of land from Kinalur and Kanthalad villages. The mitigation measures suggested:

Table No. 7.2 Impact Mitigation and Management plan			
Impact	Mitigation Means Factors to be monitored		Concerned
	_		Agency
Concern about	To formulate and publish	Transparency in	Dept of
Compensation	beforehand criteria for full	compensation,	Revenue
	compensation (Special	Number of complaints	
	package); To set up Grievance	about compensation,	
	Redressal system	Number of demands to	
		enhance	
		the compensation	
Concern about the	Adequate package/ required	List of affected 88 are	Revenue dept.
loss of their present	compensation	resettled	
convenience like Loss			
of house water			
sources, land and			
income, resettlement			
Concern about the	Finalise the amount before	Number of affected	Dept of
insufficient payment	handing over the land for the	waiting for the amount	Revenue (LA)
of compensation	Project as required to obtain	even after the taking over	
	similar land and possessed	is completed	
	assets		
Concern about delay	Timely disbursement of	List of affected settled	Dept of
in getting the	compensation	their compensation	Revenue (LA)
compensation			

Loss if income, job	Ensure job as per the merits	Number of unemployed	Dept of
and livelihood	and qualifications in AIIMS to	/employed	Revenue (LA)
	the affected and their family		AIIMS
	members		
Concern about the	2 storied/ 3 storied buildings if	List of buildings excluded	Dept of
loss of shop	acquired totally only a few	from acquisition	Revenue (LA)
buildings in	cents of land can be obtained		
Kurumboil town	and huge compensation needs		
	to be paid avoid.		
Concern about	Proper drainage for hospital	Kattadi river is free from	Dept of
pollution/	sewage water and other waste	pollution.	Revenue (LA)
contamination of the	water and keeping proper		AIIMS
Kattadippuzha	distance make fencing on both		
	sides of the river bank.		

Economic Measures

- a. The most significant social impact through the implementation of the project at the present location is the loss of property for 197 landholdings to 270 land owners and their dependents. Loss of houses, property and the assets due to the acquisition of land for the bridge and approach road should be compensated as mandated by the RFCTLARR Act, 2013 under sections 27-31 and the First Schedule of the Act.
- b. It is suggested that during the construction phase, labour from the same villages be used depending on its availability and the need of the affected.
- c. It is also suggested that hence the AIIMS project require manpower/ job opportunities, first preference/ reservation must be given to the affected families/ evictees based on their skill and qualification.



Environmental Measures

The scenic beauty of lnd

- a. There is an untold scenic beauty in the area to be acquired and surrounding. At the designing phase of the project, care should be given to design eco-friendly structure at the site minimizing the impact on the flora and fauna of the area. And the Kattadi diver must be protected from any kind of sewage/ hospital waste.
- b. The construction plan also should include proper drainage, avoiding water logging during the monsoon.
- c. The proposed project area is a hill range and very beautiful forest land, the river etc are a matter of environmental concern and thorough care must be taken for marinating the same.

Rehabilitation and Resettlement Measures

There are 94 houses /residence fully affected and hence resettlement is very much required. It is more than just 94 houses but a large neighbourhood group sharing values, culture, and even way of life. When they are evicted, they should not be scattered. So the loss and damage to the affected property must be addressed with utmost care and the sentiments of the affected should be respected. They should have the opportunity to avail the benefits of the sacrifices they are making. Support schemes are to be provided to the affected that lose their income from the livelihood/ agricultural assets.

Other measures

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

7.7 Measures to Avoid, Mitigate and Compensate

- The Proponent should ensure that preventive measures are taken to address the sanitation and health issues of the workers particularly those who may migrate from other states to the construction sites. Proper residential and sanitation facilities are to be ensured for the workers and they have to be linked to the government health facilities in the vicinity.
- The affected are losing their income and economic / agricultural activities. So any job opportunity arise in the institute/ or related, first preference must be given to the evictees and their families.
- A redressal system may be set up with representatives from Revenue Department, Panchayat
 and the proponent for the speedy settlement of the unanticipated issues that may crop up
 during the various stages of the project as well as at the time of evacuation/ demolition.

Comparing/weighing the positive against the negative impacts, it can be easily concluded that the former outweighs the latter reaffirming the identified site as the most suitable and apt one for setting up the AIIMS. The loss of ancestral assets of the affected households will have its negative impacts physically and psychologically. Nevertheless, the project is justified as the importance of the Institute is much greater. It is also observed by the SIA team that many of the negative impacts indicated above can be minimized or mitigated further with appropriate and effective mitigation measures/strategies mentioned above.

7.8 Suggestions for Mitigation

Almost all the affected made some suggestions for the mitigation of the acquisition:

- 1. Declare a special package for compensation to provide maximum compensation.
- 2. Ensure / reserve jobs in the AIIMS and allied units for the evictees and their family members
- 3. Consider other needs and requirements that can be met under the Act-2013. And the land only can be acquired for setting up the AIIMS.

7.9 Willingness to give up the land

Table No. 7.4 Willingness to give up land		
Willingness	Frequency	
Yes	195	
No	2	
Total	197	

Table No. 7.4 shows the willingness to give up the land for Setting up the AIIMS. Out of 197 landholdings, 195 of them stated that they are willing to give up the land. 2 of the affected said that they are not willing to give their land.

7.10 Welcome the Project

Table No. 7.5 Welcome the project		
Welcome	Frequency	
Yes	195	
No	2	
Total	197	

Table No. 7.5 shows that the welcome of the project by the affected people. 197 Out of 195 affected households welcomed the project, and 2 do not welcome the project.

CHAPTER 8 SOCIAL IMPACT ACTION PLAN DIRECTORATE

8.1 Introduction

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

8.2 Institutional Structures & Key Persons

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

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

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

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

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

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

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

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

CHAPTER 9 SOCIAL IMPACT MANAGEMENT BUDGET AND FINANCING OF MITIGATION PLAN

9.1 Costs of all Resettlement and Rehabilitation Required

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

9.2 Annual Budget and Plan of Action

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

9.3 Funding Sources with Break Up

Not available.

CHAPTER 10 SOCIAL IMPACT MANAGEMENT PLAN MONITORING AND EVALUATION

10.1 Introduction

Monitoring is a long-term process which should begin from the start of the construction twin tunnel, bridge and approach road and should continue throughout the life of the project. Its purpose is to establish benchmarks so that the nature and magnitude of anticipated social impacts can be continually assessed. Monitoring involves the continuous or periodic review to determine the effectiveness of recommended mitigation measures. The types of parameters that can be monitored may include mitigation measures or design features, or actual impacts. However, other parameters, particularly those related to socio-economic and ecological issues can only be effectively assessed over a more prolonged period of say 3 to 5 years.

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

10.2 State Level Body

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

10.3 District Level Body

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

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

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

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

CHAPTER 11 ANALYSIS OF COSTS AND BENEFITS RECOMMENDATION ON ACQUISITION

11.1 Final Conclusion and Assessing the Aims

The proposed land acquisition for setting up AIIMS in Kinalur will be new venture not only in Kozhikode District but it's of very significant for the whole state of Kerala. By establishing the AIIMS in Kinalur, the Health scenario in Kerala will attain a drastic change in both Medical and Para-Medicals sector. High end advanced health services will be available to across the state. As of no beyond a point people of Kerala obtain such services from Vellore Christian Medical College, Apollo hospitals in Chennai etc. This land acquisition is very pivotal for establishing the Kerala chapter of the All India Institute MS. Apart from the KSIDC land, one land of the family health centre, the properties belonging to the Muslim Jamayath in Kurumpoyil, and other land belonging to 197 private households needs to be acquired. At present the KSIDC Industrial Growth centre and allied units, and if it is not causing any concern to the flora and fauna, by all means the land must be acquired and the project must be executed.

11.2 Character of Social Impact

The affected people are losing their valuable assets, livelihood and convenience due to the implementation of the project. Houses, Livelihood, buildings – residences, agricultural assets etc are affected. 197 land holdings belonging to 270 land holders will be affected. According to the land holders, 197 landholdings/properties are affected fully, and 94 households are requiring a resettlement. The impact on income/livelihood is also major as the fertile farm lands are being affected and hence, they seem to be in big loss, asking compensation through a special package for the entire thing.

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

11.3 Major Suggestions by the Affected

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

• The affected are living here since generations. Now they have to give up everything and find a new place like refugees. The day land acquisition for AIIMs is declared, the price of the land in

surrounding area has gone up many times. Hence considering the future growth in the area, a special package is to be fixed by the government for compensation.

- Some are losing their means for livelihood hence proper compensation should be given.
- The affected/ family members should get priority in jobs AIIMS and allied activities.
- The affected unanimous on one thing that the land will be given only for setting up AIIMS
- Acquisition of buildings that are merely affected in Kurumpoyil should be avoided
- Help should be provided to start a new livelihood
- If the land, left after acquisition is not beneficial to the land owner then it should be taken by government and proper compensation should be given.
- The Kattadi River is flowing through the land to be acquired. At most care must be given that the river will not get polluted with sewage water/ hospital waste water etc.
- There are 94 households living on the banks of the Kattadi River, the fertile land. They are losing their neighbourhood culture and social living as they get scattered due to the eviction. Govt. should provide land for them 10/15 cents each in the estate land.
- One of the affected has land in Kinalur estate. Permission should be given for constructing a house there.
- The AIIMS should not affect the Industrial units/area.
- Parents are buried in this land and it is painful to give up.
- The market value should be considered for compensation.

SUMMARY & CONCLUSION

The proposed land acquisition for setting up AIMMS will be a new venture not only in Kinalur and Kozhikode District, but also it's of very significant for the entire state of Kerala. Not only that the famous Kinalur estate hills and the uphill area right now is a highly preferred tourist destination because of its scenic beauty, hilly panorama. Hence the AIIMS will invite growth of tourism and employment opportunities, based on the merit and qualifications, jobs must be reserved for the evictees and their family members.

The acquisition of land for AIIMS totally required is more than 200 acres and this SIA is for the acquisition 40.6802 hectors form 197 private households (about 270 land owners) from 34 Survey nubers. The remaining land will be taken from the KSIDC.

The major negative impacts of the project directly affecting are the loss of 94 houses, 10 commercial/livelihood structures, 1 temple and land and Madrassa hall belonging to one mosque, 2 Gulikan thara belonging to 2 households, one Family Health centre and one Ration shop. It also affects 114 drinking water sources, 2 streams and one river. The acquisition of this land is estimated to affect a population of 933 (Male 452, Female 481) people from 193 families. In addition, all 28 families said that they will lose their livelihood directly/indirectly as the acquisition affects fully.

The families expressed the concern that before the acquisition they need to get fair compensation/special package considering the loss of income from agriculture and other livelihood loss and the potential developments in the area due to the Institute. The affected demanded job reservation for the members of the affected family as per their merit and ability. Majority of the affected affirmed that they will give the land only for setting up the AIIMS.

This study report helps the affected people to receive fair compensation as per RFCTLARR Act 2013. Provisions of compensation for the land acquisition under the RFCTLARR Act 2013 are enough to mitigate the impact of the loss of land/property and livelihood.
