

Resettlement Plan (Draft)

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IND: Tamil Nadu Urban Flagship Investment Program (TNUFIP) – Tirunelveli Underground Sewerage System (Phase II)

Prepared by Tirunelveli City Municipal Corporation of the Government of Tamil Nadu for the Asian Development Bank.

CURRENCY EQUIVALENTS

(as of 11 May 2018)

| | | |
|---------------|---|------------------|
| Currency Unit | – | Indian rupee (₹) |
| ₹1.00 | = | \$0.0149 |
| \$1.00 | = | ₹67.090 |

ABBREVIATIONS

| | | |
|----------|---|--|
| ADB | – | Asian Development Bank |
| ASO | – | Assistant Safeguards Officer |
| BPL | – | Below Poverty Line |
| CMSC | – | Construction, Management and Supervision Consultant |
| CMWSSB | – | Chennai Metro Water Supply and Sewerage Board |
| EUP | – | enter upon permission |
| FGD | – | focus group discussion |
| GIAC | – | Governance Improvement and Awareness Consultant |
| GoTN | – | Government of Tamil Nadu |
| GRC | – | Grievance Redress Committee |
| GRM | – | Grievance Redress Mechanism |
| IPP | – | indigenous peoples plan |
| MAWS | – | Municipal Administration and Water Supply Department |
| NOC | – | No Objection Certificate |
| PIU | – | project implementation unit |
| PMU | – | project management unit |
| PWD | – | Public Works Department |
| RCC | – | reinforced cement concrete |
| RFCTLARR | – | Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement |
| R&R | – | resettlement and rehabilitation |
| ROW | – | right-of-way |
| SIA | – | Social Impact Assessment |
| SPO | – | Social Project Officer |
| SPS | – | Safeguard Policy Statement |
| SRSE | – | Social and Resettlement Safeguard Expert |
| STP | – | Sewage Treatment Plant |
| TNUFIP | – | Tamil Nadu Urban Flagship Investment Program |
| TNUIFSL | – | Tamil Nadu Urban Infrastructure Financial Services Ltd. |
| TWADB | – | Tamil Nadu Water Supply and Drainage Board |
| UGSS | – | Underground Sewerage System |
| ULB | – | urban local body |

NOTE

In this report, "\$" refers to US dollars.

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EXECUTIVE SUMMARY

1. **Subproject Scope.** The Tamil Nadu Urban Flagship Investment Program (TNUFIP) is designed under the multitranche financing facility (MFF) modality of ADB financing and will primarily focus on improvement of water supply and sewerage services in selected cities of the state. The TNUFIP is envisaged to be structured under three main components: (i) investment in municipal infrastructure namely water supply and sewerage, (ii) municipal reform-based activities, and (iii) technical assistance for design, supervision, program management, reforms, and climate change. Tranche-I Tirunelveli subprojects are divided into separate bid packages, Phase-II and Phase-III, for ADB financing. Separate resettlement plans are prepared for both the packages. Phase-II include System-I, West of River Tamiraparani. The System-I will cover around 25 census wards; fully or partially and will cater to projected population of 250,600 for the intermediate design year of 2035. System-I subprojects comprise: (i) laying of around 225 kilometers (km) of sewer network of DWC/RCC pipes ranging from 200-700 millimeter (mm) dia; (ii) laying of 27 km of pumping mains of 150-450 mm dia; (iii) construction of two sewage pumping stations; and (iv) construction of 11 sewage lift stations.

2. **Key Findings.** There is no permanent/temporary land acquisition envisaged for implementation of proposed subproject components. Construction of proposed sewage pumping stations and lift stations will be either accommodated within the existing facilities' premises or on vacant Government lands. Existing sewage treatment plant (STP) which is currently underutilized will be used at least till the intermediate design year for treatment of sewage from some part of the Tirunelveli. New sewer system will be laid within road rights-of-way (ROW) in the center of the road by cutting black top. In wider roads, like state highway and national highway, divided roads etc., sewers will be laid along the edge of the road, but mostly within the black top portion. Potential temporary impacts are assessed due to laying of new pipe networks. To estimate the potential temporary impacts, all roads/streets in project area were screened through transect walks for any encroachments on black top portion/ROW and detailed surveys were conducted for roads where temporary impacts were identified (August 2017). Based on this, a total of 17 roadside movable/transitory businesses that are currently within ROW are identified as potentially (temporarily) affected. These businesses are mainly (65%) tea/food/juice related stalls and the remaining (35%) sell other items like helmets, tyres etc. None of the surveyed potential affected persons belong to scheduled tribes or are women headed households. The majority were however assessed to be below poverty line (BPL). Average monthly income for potentially affected BPL is estimated at ₹130 per day and overall average for all affected persons is ₹208 per day.

3. **Recommended Actions.** A draft resettlement plan has been prepared for Tirunelveli Phase-I/System-I subproject components to mitigate temporary impacts envisaged during construction/pipe laying. This Resettlement Plan is in line with the ADB's Safeguard Policy Statement (SPS), 2009 and Resettlement Framework prepared for TNUFIP. A total resettlement budget (only compensation and grievance redress mechanism or GRM costs) is estimated at ₹0.80 million (approximately \$12,250) which includes livelihood losses for 25 days. A detailed measurement survey will be conducted in sections ready for implementation, based on detailed design, and the draft resettlement plan updated, based on survey results. The draft resettlement plan will be reviewed by PMU and submitted to ADB for approval prior to start of construction. In line with the resettlement framework, the resettlement plan has also laid down the structured outline for required institutional and implementation arrangements with schedule, grievance redress mechanism, consultation and disclosure activities and monitoring and evaluation. A summary of resettlement framework and resettlement plan in local language will be disclosed to representatives of all key stakeholders through a city level stakeholder workshop. A hard copy

of summaries will also be made available at ULB offices and full documents will be uploaded at their/ADB websites. Construction Management and Supervision Consultant's (CMSC) Social and Resettlement Safeguard Expert (SRSE);, and Project Implementation Unit's Assistant Safeguard Officer (PIU's ASO) will together will responsible for updation & implementation of Resettlement Plan. project management unit's Social Project Officer (PMU's SPO) is responsible for approval and implementation monitoring of RPs. Governance Improvement and Awareness Consultant (GIAC) will assist in monitoring Resettlement Plan implementation.

I. RESETTLEMENT PLAN

A. Subproject Description

1. The proposed Tamil Nadu Urban Flagship Investment Program (TNUFIP) is aligned to support in the following: (i) urban infrastructure across the state improved and world class cities focusing on universal access to 24x7 water supply services and sanitation facilities including tertiary treatment of sewage to become engines for economic growth developed (Vision 2030, Government of Tamil Nadu, [GOTN]); (ii) five industrial corridors developed (GOTN Vision 2030); (iii) quality of life for all, especially the poor and the disadvantaged improved (Mission Statement and Guidelines, Atal Mission for Rejuvenation and Urban Transformation (AMRUT) Government of India, 2015); and (iv) a clean and sustainable environment provided (Smart Cities - Mission Statement and Guidelines, Government of India, 2015). TNUFIP will focus on cities in five priority economic corridors: (i) Chennai-Hosur, (ii) Chennai-Tiruchirapalli, (iii) Coimbatore-Madurai, (iv) Coimbatore-Salem, and (v) Madurai-Thoothukudi. The reform-based component of the program will seek to provide results-based performance incentives to select cities and towns. The program shall also focus on transformative investments in 24X7 water supply, full sanitation coverage smart water management, and urban climate change resilience drawing from the support of various Asian Development Bank (ADB) grant technical assistance. The TNUFIP is envisaged to be structured under three main components: (i) investment in municipal infrastructure namely water supply and sewerage, (ii) municipal reform-based activities, and (iii) technical assistance for design, supervision, program management, reforms, and climate change. TNUFIP will be implemented over an 8-year period beginning in 2018, and will be funded by ADB via its MFF. The impact of the TNUFIP will be improved livability and resilience in urban areas of economic importance in Tamil Nadu.

2. Currently, only part of the Tirunelveli city (~35%) is covered under functional sewerage system which was implemented in 2007 under centrally funded National River Conservation Program (NRCP)¹. The old system which was commissioned in 1989 is non-functional and needs replacement while it is required to extend sewerage system in additional extension and periphery areas of the city. Considering this, a new sewerage scheme is designed. Based on geographical conditions the entire scheme is divided into three systems: (i) System I-West of River Tamraparni; (ii) System II-East of River Tamraparni (Palayamkottai); and (iii) System III-East of River Tamraparni (Melepalayam). System-I is referred as Phase-II while System II and III together are referred as Phase-III. Phase II covers Tirunelveli administrative zone (full), Melapalayam administrative zone (partial) and Thachanallur administrative zone (partial). The Phase-II will cover 25 out of total 55 wards under Tirunelveli Municipal Corporation. For the intermediate design year of 2035; the Phase-II will cater to projected population of 250,600. Phase-II subprojects comprises of the following components:

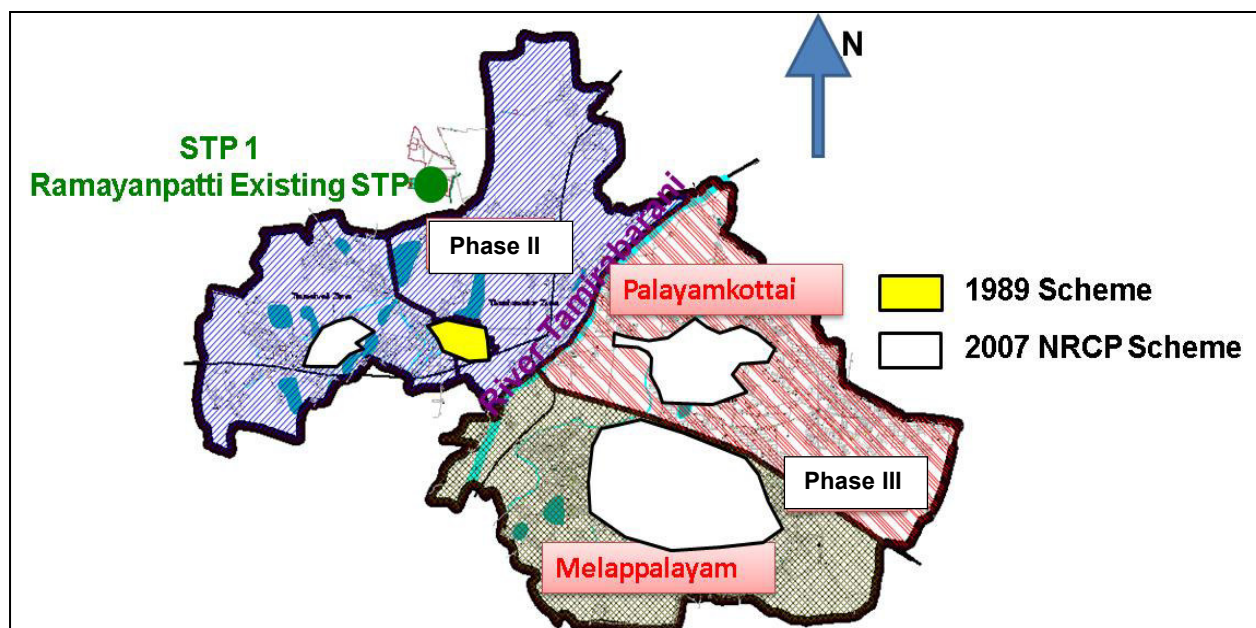
- (i) Phase II
 - (a) Laying of around 225kilometers (km) of sewer network of DWC/RCC pipes ranging from 200-700 millimeter (mm) dia;
 - (b) Laying of 27 km of pumping mains of 150-450 mm dia;
 - (c) Construction/Rehabilitation of two sewage pumping stations; and
 - (d) Construction of 11 sewage lift stations.

3. Existing sewage treatment plant (STP) at Ramayanpatti which is currently underutilized will be used at least till the intermediate design year for the Phase-II. This Draft Resettlement

¹ This system is referred as Phase-I. There are no pending LA/R&R or other engineering issues wrt Phase-I that interfere with implementation of Phase-II and III under ADB financing.

Plan is prepared for proposed sewerage subprojects under Phase II in Tirunelveli (Figure 1) and is in line with the resettlement framework prepared for the implementation of social safeguards under TNUFIP. The Draft Resettlement Plan will be updated based on detailed measurement surveys during detailed design.

Figure 1: Proposed Phase II and III under Asian Development Bank Financing



B. Scope of Land Acquisition and Resettlement

4. Consistent with the subproject selection criteria, rehabilitation is prioritized over new construction to avoid/minimize involuntary resettlement impacts. Construction of proposed sewage pumping stations and lift stations will be either accommodated within the existing facilities' premises or on vacant Government lands. There is no permanent/temporary land acquisition envisaged for implementation of proposed subproject components. However, since many of the subproject sites are located within low income/slum areas it is advisable to provide proper fencing for the identified sites to avoid any encroachments and damage to facilities once constructed. Potential temporary resettlement impacts are identified due to rehabilitation and laying of sewer networks. Table 1 provides the details of proposed subprojects for Phase-II in Tirunelveli and anticipated involuntary resettlement impacts.

5. The sewer lines are generally laid in the centre of the road/street; away from water supply and other utility lines to avoid problems in accessibility for future operation and maintenance (O&M). New sewer system will be hence laid within road rights-of-way (ROW) in the centre of the road by cutting black top. In wider roads, like state highway and national highway, divided roads etc., sewers will be laid along the edge of the road, but mostly within the black top portion. Laying of sewers either in the middle of the road or at the edge of the road within the black top portion/ROW will not require land acquisition or cause permanent displacement, but will cause temporary access disruptions and possible temporary income loss during construction.

6. All roads/streets in project area were screened through transect walks for any encroachments on black top portion/ROW and detailed surveys were conducted for roads

where temporary impacts were identified (August 2017), indicating potential temporary income loss to 17 roadside movable/transitory businesses. These impacts will be verified through detailed measurement surveys based on detailed design prior to implementation. The Resettlement Plan will be updated based on the results of detailed measurement surveys and census and socioeconomic surveys of affected persons. Appendix 1 provides summary of transect walk surveys, which confirm that the impacts of sewer laying for Phase-I in Tirunelveli are temporary. These are majorly non-titled movable /transitory structures within the ROW.

7. In line with the ADB's Safeguard Policy Statement (SPS) 2009, and based on the identified impacts, the Tirunelveli Phase-II subproject can be classified as Involuntary Resettlement Category "B". Resettlement Plan preparation is required for Tirunelveli Phase-II subproject components in line with the ADB SPS, 2009 and Resettlement Framework prepared for TNUFIP. This document is a Resettlement Plan for Tirunelveli Phase-II Underground Sewerage System (UGSS).

8. To further minimize construction impacts, work will be executed during early hours of the day in order to avoid inconveniences to the public as well as traders and vendors. All safety norms would strictly be adhered to depending on the magnitude of work and the sensitivity of the location. Appendix 2 provides sample impact minimization measures template to be followed for pipe laying². The project implementation unit (PIU) will also ensure that all the necessary rules related to safety and security of the public and residents are followed by the contractor. The actual dates of construction schedule with respect to rush hour, festival time, and special business days will be discussed with vendors, squatters, market committee members, and residents, and accordingly construction activities will be planned. After laying pipes the lane/road will be restored for the cutting portion/excavated trench.

² This will be updated based on the revised project scope and detailed drawings before project implementation.

Table 1: Proposed Subproject Components in Tirunelveli UGSS Phase-II

| | Proposed Subproject Components | Scope of Land Acquisition and R&R | Summary |
|---|---|---|--|
| 1 | <u>Sewer Network</u> . Laying of total 225km of new sewer network of DWC/CI pipes ranging from 200-750 mm dia. | Sewer pipes will be buried below in a trench in the middle of the road within black top portion/right-of-way (ROW). For wider/divided roads sewers will be buried below in a trench on the edge of the road but still within the black top portion; within the existing ROW. Temporary impacts on movable structures within ROW are envisaged on 17 affected persons. | Temporary economic impacts to 17 vendors |
| 2 | <u>Pumping Mains</u> . Laying of 27 km of new pumping main of cast iron pipes ranging from 150-700 mm dia. | Pumping mains will be buried below in a trench in the middle of the road within ROW. No land acquisition and R&R envisaged | No involuntary resettlement/Indigenous Peoples impacts anticipated |
| 3 | <u>Pumping Stations (PS)</u> . Phase-II: Construction of new sewage pumping station near slaughter house and improvement to existing sewage pumping station at Nainarkulam. (Refer Appendix 3, 4 & 5 for layout drawings, site photos, ownership records and enter upon permission or EUPs/No Objection Certificates or NOCs). | <u>Phase-II</u> <u>Pumping Station-1 (Proposed)</u> . The proposed PS-1 is located near municipal slaughter house along Pettai-Palayapettai link road. The total site area is around 15 acres and site is surrounded by vacant agricultural lands. Except slaughterhouse, the site is free of any structures, sheds, major vegetation, trees etc. The land is under ownership of TMC (TS No.7, Block 1, Ward AC). The land is classified as dumping site. PS-1 requires total area of around 3,500m ² . Adequate land is available for the construction of PS-1. No land acquisition and R&R envisaged. <u>Pumping Station-2 (Existing)</u> . The existing PS-2 is located at Nainarkulam. Proposed new modules will require 148m ² . area which is available within the existing premises. The land belongs to TMC and no land acquisition and R&R envisaged. | No involuntary resettlement/Indigenous Peoples impacts anticipated |
| 4 | <u>Lift Stations (LS)</u> . Construction of 11 new lift stations at various locations of 2.5-3.0 m. collection well diameter. (Refer Appendix 3, 4 & 5 for layout drawings, site photos, ownership records and EUPs/NOCs). | <u>Phase-II</u> <u>Lift Station-1</u> . The site is vacant and located at Srinivasa Nagar near OHT. The land belongs to TMC and classified as government land under urban land ceiling. (TS No 304/, Block 5, Ward T). No land acquisition and R&R envisaged. <u>Lift Station-2</u> . The site is vacant and located at Sathya Nagar near residential houses and lake. The land belongs to Slum Clearance | No involuntary resettlement/Indigenous Peoples impacts anticipated |

| | Proposed Subproject Components | Scope of Land Acquisition and R&R | Summary |
|--|--------------------------------|--|---|
| | | <p>Board and classified as government excess land(TS No 109/2, Block 4, Ward U). No land acquisition and R&R envisaged; however, EUP is required.</p> <p>Lift Stations-3. The site is vacant and located at Kattabomman street. The land belongs to TMC and classified as water tank/toilet site (TS No 1672, Block 11, Ward W). Water tank and toilet is already present in the site and remaining land is adequate for the construction of LS. No land acquisition and R&R envisaged.</p> <p>Lift Station-4. The site is vacant and located at Pettai Thiruthu, Ambedkar Nagar. The land belongs to TMC and classified as public toilet site (TS No 107, Block 2, Ward AC). New toilet is already constructed in the site. Old toilet block will be dismantled to construct LS. No land acquisition and R&R envisaged.</p> <p>Lift Station 5. The site is located at Karuppanthurai near public toilet which is constructed by raising ground level. The land belongs to Public Works Department (PWD) and classified as Tamirabarani River land (TS No 59, Block 5, Ward AM).Adequate land area is available for the construction of LS; however, NOC/EUP is required. No land acquisition and R&R envisaged.</p> <p>Lift Station 6. The site is located Karaiyiruppu; along the narrow road and belongs to Revenue Department (TS No 40, Block 11, Ward B). NOC/EUP is required for the construction of LS; no land acquisition and R&R envisaged.</p> <p>Lift Station 7. The site is located at Azhaganeri and belongs to Revenue Department (TS No 151, Block 6, Ward C). NOC/EUP is required for the construction of LS; no land acquisition and R&R envisaged.</p> <p>Lift Station 8. The site is located at Senthimanagalam and belongs to TMC. It is proposed to dismantle old public toilet and construct LS. Site is at the end of residential area and surrounded by agricultural lands. No land acquisition and R&R envisaged.</p> <p>Lift Station 9. The site is located Sindhupoonthurai and classified as</p> | <p>No involuntary resettlement/Indigenous Peoples impacts anticipated</p> |

| | Proposed Subproject Components | Scope of Land Acquisition and R&R | Summary |
|---|--|---|--|
| | | <p>TMC cremation ground (TS No 46, Block 2, Ward J). The site is adjacent to river, public toilet and cremation ground. Remaining area is sufficient for the construction of LS. No land acquisition and R&R envisaged.</p> <p>Lift Station 10. The site is located at Kailasapuram along the PWD road. A road side lifting station will be constructed. NOC/EUP is required for the construction of LS; no land acquisition and R&R envisaged.</p> <p>Lift Station 11. The site is located at Meenakshipuram near public toilet. The land belongs to PWD and classified as Tamirabarani River land (TS No 803, Block 9, Ward AJ). LS will be constructed adjoining the public toilet. NOC/EUP is required for the construction of LS. No land acquisition and R&R envisaged.</p> | No involuntary resettlement/Indigenous Peoples impacts anticipated |
| 5 | <u>House Service Connections</u> . Provision of house service connections with inspection chambers | Inspection chambers and house service connections will be provided within individual's property boundary. No land acquisition and R&R envisaged. | No involuntary resettlement/Indigenous Peoples impacts anticipated |
| 6 | <u>Sewage Treatment Plant (STP)</u> . Utilizing existing STP facilities. | The existing STP at Ramayanpatti (STP I) of 24.2 MLD capacity (WSP Technology) is proposed to be retained for West of Tamirabarani (Phase-II) area. A total area of around 183 acres is under TMC ownership at Ramayanpatti of which 65 acres is allocated for existing STP (not yet fully utilized). | No involuntary resettlement/Indigenous Peoples impacts anticipated |

CMWSSB = Chennai Metropolitan Water Supply and Sewerage Board, CPCL = Chennai Petroleum Corporation Limited, DWC = double walled corrugated, EUP = enter upon permission, GCC = Greater Chennai Corporation, HR&CE= Hindu Religious & Charitable Endowment, LA = land acquisition, mld = million liters per day, m = meter, NOC = no objection certificate, OHT = overhead tank, ROW = right of way, R&R = resettlement and rehabilitation, SPS = Safeguard Policy Statement, STP = sewage treatment plant, UGT = underground tank
Source: Tirunelveli UGSS DPR, TMC and site visits.

C. Socioeconomic Information and Profile

9. Transect walks identified a total of 17 affected persons in Phase-II area whose business will be temporarily affected during pipe laying, as they carry their activities within/very close to ROW. These businesses are mainly (65%) tea/food/juice related stalls and the remaining (35%) sell other items like helmets, tyres etc. Some of the surveyed affected persons indicated that they sometimes take rounds in confined areas to sell their items though their place of vending is otherwise stationary/fixed. Almost all of them (79%) have movable structures while other affected persons sit on roads or have extended their activities on roads for selling their goods. Only two affected persons with kiosks may require shifting assistance. Structures that are extended on roads can be easily dismantled. A close to 35% of the affected persons with movable vending structures also indicated that they switch to other work/business seasonally and may not necessarily get affected during sewer laying if place of their business changes.

10. Street vending is quite a common practice in many cities of the state including Tirunelveli and close to 70% of the affected persons indicated that they are doing their business at present location for more than 10 years. An additional 12% indicated that they have this fixed location for more than five years while the remaining 18% said they have moved in respective places in last 3-5 years.

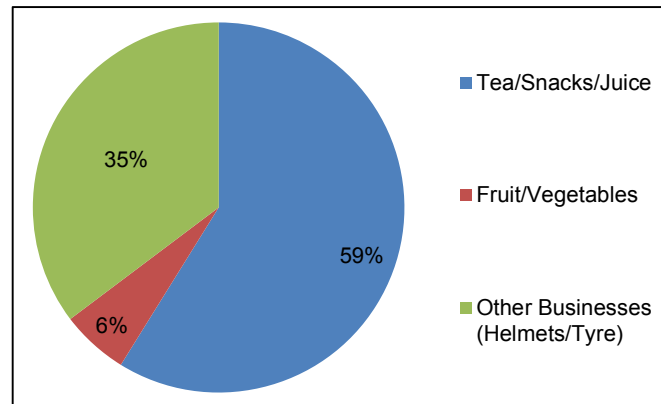
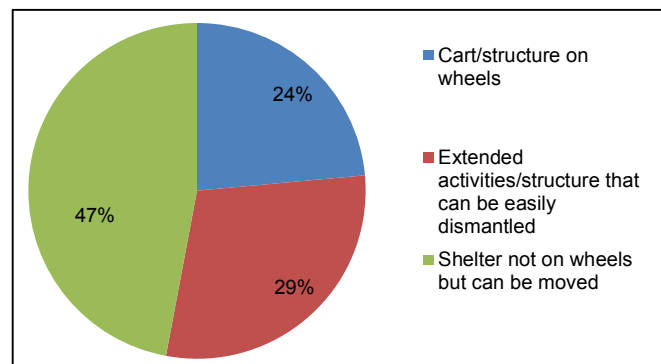
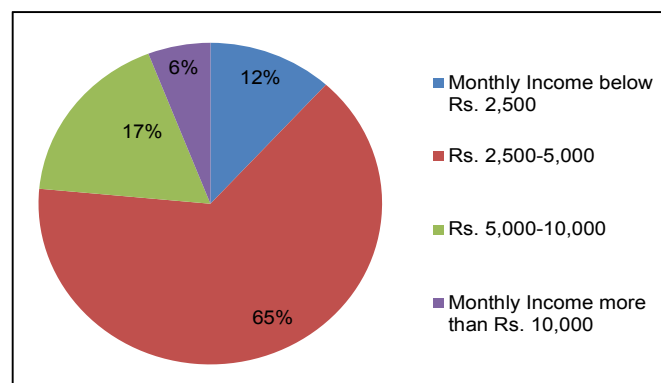
11. In terms of the socioeconomic background, a majority of these vendors appear to be poor. About 12% earn income below ₹2500 per month. More than 50% earn monthly income between ₹2,500-5,000. Average monthly income works out at ₹5,412 with minimum at ₹2,000 and maximum at ₹12,000.³ Considering work week of six days (26 days per month), average daily income is estimated at ₹130 for 13 BPL affected persons and ₹208 for all affected persons. The overall average is lower than the notified minimum wage rate at ₹643.

12. Only around 12% affected persons belong to general (upper) caste category while the remaining mainly belongs to other backward classes (OBC-82%). No scheduled tribes (STs) were identified during Resettlement surveys. During site visits it was found that STs in Tirunelveli do not show any distinct indigenous characteristics that are different than mainstream society. No women affected persons or women headed households (WHH)⁴ found during the survey. Total vulnerable affected persons comprise 12% of the total surveyed affected persons.

13. This resettlement plan will be updated road/alignment wise based on detailed measurement survey considering detailed design in sections ready for implementation and the revised Resettlement Plan will be submitted to the ADB for approval. A 100% census and socioeconomic survey will be undertaken during detailed measurement survey to register and document the status of affected persons within the subproject impact area. Any temporary impacts or costs incurred by affected persons will be identified through the detailed measurement survey (DMS) and compensated at replacement cost, in line with the principles of the Resettlement Framework.

³ As per data published by the Planning Commission, Government of India, in 2011-12, poverty line in urban Tami Nadu was ₹993 per capita per month. On adjusting for inflation, this works out to ₹1406 per capita per month in 2017, or a monthly household income of ₹5540 for BPL households, considering the average urban household size in the state per Census 2011. Hence, a majority of the identified potentially temporarily impacted persons are estimated to be below poverty line, based on limited data available.

⁴ Household is considered women headed when she is the single bread earner of the family or earn most of the income for the family.

Figure 2: Type of Business**Figure 3: Type of Structure****Figure 4: Monthly Household Income**

D.

Information Disclosure, Consultation and Participation

14. Consultation with the primary and secondary stakeholders is an important tool for successful preparation and implementation of resettlement plan. The key stakeholders consulted during subproject preparation, resettlement plan preparation and implementation, and program implementation include:

- (i) Heads and members of households likely to be affected;
- (ii) program beneficiaries, groups/clusters of affected persons;
- (iii) Local voluntary organizations and community-based organizations (CBOs);
- (iv) Government agencies and departments; and

- (v) Major project stakeholders, such as women, trader's associations, community-based organizations, etc.

15. Types of consultations during project preparatory technical assistance (PPTA) stage are presented in Table 2. These include consultations during baseline surveys to integrate household's preferences into project design. Consultations with potentially affected persons were conducted during transect walks. The concerns expressed mainly included traffic disruptions and temporary impacts on livelihood, including duration of impact (Appendix 3). It was informed to surveyed potential affected persons that appropriate measures will be undertaken during construction to minimize impacts. (including scheduling of activities during the early morning and reducing construction activities during the rush hour). It was also informed that, if despite mitigation measures, there were any temporary impacts on livelihood; these would be compensated in accordance with the Resettlement Framework policy provisions. Further consultations will also include focus group discussions (FGDs) and structured census surveys parallel to detailed measurement survey in sections ready for implementation before the project implementation. These will be carried out by Construction Management and Supervision Consultant's (CMSC) Social and Resettlement Safeguard Expert (SRSE) who will work closely with PIU Assistant Safeguards Officer (ASO) and project management unit (PMU) SPO. A citywide stakeholder consultation involving representatives from all stakeholder groups to brief them about the technical details of project and project implementation cycle; project benefits as well as adverse impacts envisaged during construction; environmental and social safeguards, gender inclusion, community participation aspects built into the project etc. is proposed. Minutes of meeting will be added to the updated Resettlement Plan.

16. At this PPTA stage disclosure activities include dissemination/distribution of summary of resettlement framework and resettlement plan in local language to key stakeholders including affected persons. The approved resettlement framework/ resettlement plan (full documents) will also be disclosed on ADB and local government's websites and will be available in key local/state government offices. During the subproject implementation, construction schedules will be informed to all residents (including affected persons) prior to the commencement of pipe laying through signboards. The signboards will be in local language and will include at minimum: (i) section to be affected; (ii) start and end dates; (iii) information on traffic rerouting if any; and (iv) contact information for questions/grievances.

Table 2: Consultation and Disclosure Activities during Project Preparatory Technical Assistance Stage

| Activities | Details | Responsible Agency |
|--|---|-----------------------------|
| Preliminary awareness about the project activities (Completed) | City visits and series of meeting with key stakeholders (ULB, TWADB, District Collector, etc., officials) | PPTA team |
| Baseline surveys (Completed) | Sample household socioeconomic surveys to understand baseline infrastructure situation, problems faced in service delivery, household's willingness to get connected to new systems and willingness to pay for it | PPTA team |
| Profiling of potential affected persons (Completed) | Undertake transect walks and screening of project impact area to identify potential affected persons and record their socioeconomic and business profile. | PPTA team |
| City wide stakeholder consultation | Dissemination of project related technical and other information to representatives of all key stakeholders (at one platform) and disclosure of summary of social safeguard documents in local languages | PPTA team/ relevant ULBs |

CMWSSB = Chennai Metropolitan Water Supply and Sewerage Board, PPTA = project preparatory technical assistance, TNUISL = Tamil Nadu Urban Infrastructure Financial Services Ltd., ULBs = urban local body.

17. Continued involvement of those affected by the subproject will be ensured. An intensive information dissemination and feedback campaign for affected persons will be conducted by the PIU from the time of resettlement plan preparation to implementation and monitoring. The proceedings of such campaigns shall be documented. All the comments made and concerns raised by the affected persons will be documented in the sub-project records and summarized in sub-project monitoring reports.

18. During revised resettlement plan preparation, ULB/PIU will be responsible for issuing various required public notices. For the temporary impacts the date/period of socioeconomic surveys will be considered as cut-off date. Cut-off-date for temporary impacts will be communicated to affected persons through CMSC, 2-3 days before the start of survey (and not in much advance) and also by putting up printed information in project affected area at some common advertisement place. Similarly, list of affected persons will be published at common places with contact details of CMSC/PIU officials. The list will be put up area wise and at a time for the entire city. This will avoid affected persons moving into other areas and to identify any duplication of affected persons. CMSC will facilitate affected persons to approach lists in their area and get confirmation on any duplication, missing/absent affected persons.

19. Additionally, draft/final resettlement framework/resettlement plan will be made available in ULB/PIU and PMU offices. The resettlement framework and resettlement plan will be disclosed in ADB's website and the ULB/PMU websites. Further, final resettlement plans will be disclosed in ADB's website, PMU websites, and PIU or ULB websites; and information dissemination, through subproject specific leaflets and public announcements, and consultation will continue throughout program implementation. The project leaflets will be distributed by Governance Improvement and Awareness Consultant (GIAC)/CMSC to the affected communities for their information. A sample project information dissemination leaflet is attached in Appendix 6.

E. Grievance Redress Mechanism

20. A common grievance redress mechanism (GRM) will be in place to redress social, environmental or any other project related grievances. The GRM described below has been developed in consultation with stakeholders. Public awareness campaign will be conducted to ensure that awareness on the project and its grievance redress procedures is generated. The campaign will ensure that the poor, vulnerable and others are made aware of grievance redress procedures and entitlements per project entitlement matrix, and PMU and concerned PIUs will ensure that their grievances are addressed.

21. Affected persons will have the flexibility of conveying grievances/suggestions by dropping grievance redress/suggestion forms in complaints/suggestion boxes or through telephone hotlines at accessible locations, by e-mail, by post, or by writing in complaints register in ULB or PIU or implementing agency offices. PIU Safeguards officer will have the responsibility for timely grievance redress on safeguards and gender issues and for registration of grievances, related disclosure, and communication with the aggrieved party.

22. GRM provides an accessible, inclusive, gender-sensitive and culturally appropriate platform for receiving and facilitating resolution of affected persons' grievances related to the project. A two-tier grievance redress mechanism is conceived, one, at project level and another, beyond project level. For the project level GRM, a GRC will be established in PIUs; Safeguards officer and Social and Gender Officer will be responsible for creating awareness among affected communities and help them through the process of grievance redress, recording and registering grievances of non-literate affected persons.

23. GRM aims to provide a time-bound and transparent mechanism to voice and resolve social and environmental concerns linked to the project. All grievances – major or minor, will be registered. Documentation of the name of the complainant, date of receipt of the complaint, address/contact details of the person, location of the problem area, and how the problem was resolved will be undertaken. PIU will also be responsible for follow-through for each grievance, periodic information dissemination to complainants on the status of their grievance and recording their feedback (satisfaction/dissatisfaction and suggestions).

24. In case of grievances that are immediate and urgent in the perception of the complainant, the contractor, and supervision personnel of the CMSC and PIU will resolve the issue on site, and any issue that is not resolved at this level will be dealt at PIU head level for immediate resolution. Should the PIU fail to resolve any grievance within the stipulated time period, the unresolved grievances will be taken up at ULB level. In the event that certain grievances cannot be resolved even at ULB level, particularly in matters related to land purchase/acquisition, payment of compensation, environmental pollution etc., they will be referred to the district level GRC headed by the District Collector. Any issue which requires higher than district level inter-departmental coordination or grievance redress, will be referred to the state level Steering Committee.

25. GRC will meet every month (if there are pending, registered grievances), determine the merit of each grievance, and resolve grievances within specified time upon receiving the complaint-filing which the grievance will be addressed by the state-level Steering Committee. The Steering Committee will resolve escalated/unresolved grievances received.

26. **Composition of Grievance Redress Committee.** GRC will be headed by the District Collector, and members include: ULB/PIU head, Safeguards Officer of PIU, representative of TNPCB, one elected representative/prominent citizen from the area, and a representative of affected community. GRC must have a women member.

27. **State level steering committee** will include Commissioner of Municipal Administration as chair, member include managing directors of Tamil Nadu Urban Infrastructure Financial Services Ltd. (TNUIFSL), Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB), TWAD Board and others as applicable.

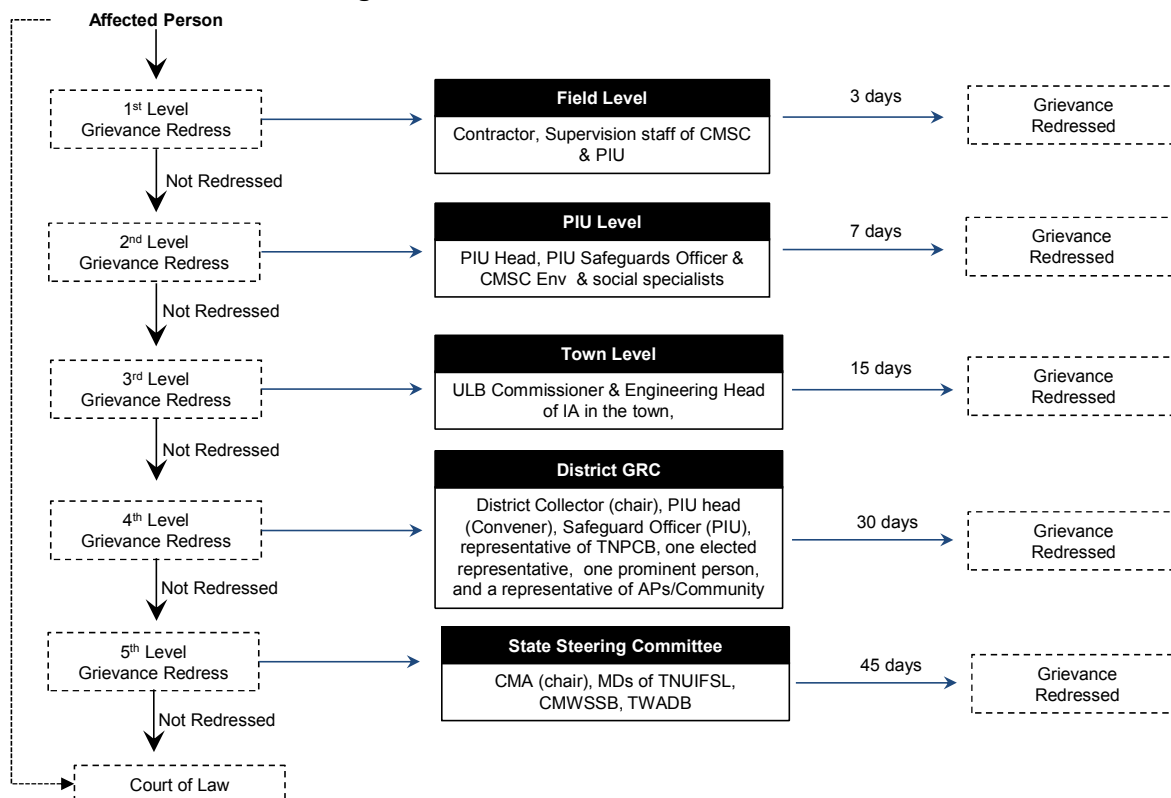
28. **Areas of Jurisdiction.** The areas of jurisdiction of the GRC, headed by the District Magistrate will be (i) all locations or sites within the district where subproject facilities are proposed, or (ii) their areas of influence within the District. The Steering Committee will have jurisdictional authority across the state (i.e., areas of influence of subproject facilities beyond district boundaries, if any).

29. The multi-tier GRM for the project is outlined below (Figure 5), each tier having time-bound schedules and with responsible persons identified to address grievances and seek appropriate persons' advice at each stage, as required. The GRC will continue to function throughout the project duration. The implementing agencies/ULBs shall issue notifications to establish the respective PIU level grievance redress cells, with details of composition, process of grievance redress to be followed, and time limit for grievance redress at each level.

- (i) **1st level grievance.** The contractor and CMSC supervision personnel and PIU supervision personnel can immediately resolve issues on-site in consultation with each other, and will be required to do so within 3 days of receipt of a complaint/grievance.
- (ii) **2nd level grievance.** All grievances that cannot be redressed within 3 days at field/ward level will be brought to the notice of Social Safeguards Officer (SSO) of PIU. PIU will resolve the grievance within 7 days of receipt of

compliance/grievance in discussion with the CMSC and the Contractor. PIU SSO will be supported by the CMSC SSS at this stage.

- (iii) **3rd level grievance.** All the grievances that are not addressed by PIU within 7 days of receipt will be brought to the notice of the Town Level Committee (TLC), of which ULB Commissioner will be the Chairperson, and will be assisted by the concerned city level engineers. TLC will meet twice a month and determine the merit of each grievance brought to the committee. The PIU SSO will be responsible to see through the process of redressal of each grievance. The TLC will resolve the grievance within 15 days of receiving the complaint.
- (iv) **4th level grievance.** All grievances that are not addressed by the TLC within 15 days, and which require the District Collector's intervention, will be escalated to the district level Grievance Redress Committee (GRC), chaired by the District Collector. The district level GRC will have the District Collector as chair, PIU head as Convenor, and Safeguard Officers of the PIU, representative of TNPCB, one elected representative, one prominent person/member of the community, and a representative of affected persons/community as members. At least one member of the GRC will be a woman. The GRC will resolve the grievance within 30 days of registration.
- (v) **5th level grievance.** Any grievance that remains unresolved by the GRC will be escalated to the state level steering committee.

Figure 5: Grievance Redress Process

30. The project GRM notwithstanding, an aggrieved person shall have access to the country's legal system at any stage, and accessing the country's legal system can run parallel to accessing the GRM and is not dependent on the negative outcome of the GRM. In case of grievance related to land acquisition, resettlement and rehabilitation⁵, the affected persons will have to approach a legal body/court specially proposed under RFCTLARR, 2013; Land Acquisition, Rehabilitation and Resettlement Authority (LARRA).

31. In the event that the established GRM is not in a position to resolve the issue, the affected person also can use the ADB Accountability Mechanism through directly contacting (in writing) the Complaint Receiving Officer at ADB headquarters or the ADB India Resident Mission (INRM). Before submitting a complaint to the Accountability Mechanism, it is necessary that affected persons make a good faith effort to solve the problem by working with the concerned ADB operations department and/or INRM. Only after doing that, and if they are still dissatisfied, will the Accountability Mechanism consider the complaint eligible for review. The complaint can be submitted in any of the official languages of ADB's developing member countries. The ADB Accountability Mechanism information will be included in the project-relevant information to be distributed to the affected communities, as part of the project GRM.

32. **Recordkeeping.** Records of all grievances received, including contact details of complainant, complaint received date, nature of grievance, agreed corrective actions and the date these were effected and final outcome will be kept by ULB/PIU (with the support of CMSC) and submitted to PMU.

33. **Information dissemination methods of the GRM.** The PIU, assisted by CMSC will be responsible for information dissemination to affected persons and general public in the

⁵ The Authority admits grievance only with reference to the land acquisition and R&R issues under the RFCTLARR, 2013.

project area on grievance redress mechanism. Public awareness campaign will be conducted to ensure that awareness on the project and its grievance redress procedures is generated. The campaign will ensure that the poor, vulnerable and others are made aware of grievance redress procedures and entitlements per this resettlement framework including contact details of officials/members of GRC, where/ how to register grievance, various stages of grievance redress process, time likely to be taken for redress of minor and major grievances, etc. Grievances received and responses provided will be documented and reported back to the affected persons. The number of grievances recorded and resolved and the outcomes will be displayed/disclosed in the PIU, offices, ULB notice boards and on the web, as well as reported in the semi-annual environmental and social monitoring reports to be submitted to ADB. A Sample Grievance Registration Form has been attached in Appendix 6.

34. **Periodic review and documentation of lessons learned.** The PMU will periodically review the functioning of the GRM and record information on the effectiveness of the mechanism, especially on the PIU's ability to prevent and address grievances.

35. **Costs.** All costs involved in resolving the complaints (meetings, consultations, communication and reporting/information dissemination) will be borne by the respective PIU.

F. Legal Framework

36. The policy framework and entitlements for the TNUFIP are based on:

- (i) The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act (RFCTLARR), 2013 and RFCTLARR GOTN Notified Rules, 2017;
- (ii) Environmental and Social Management Framework (ESMF) of TNUIFSL;
- (iii) ADB's Safeguard Policy Statement (SPS), 2009; and
- (iv) The agreed entitlement matrix and resettlement framework.

37. The salient features of Government and ADB policies are summarized below. The resettlement principles and procedures to be followed for social safeguards under TNUIFP are detailed out in the Resettlement Framework document. In case of discrepancy between the policies of ADB and the government, gap-filling measures will be adopted to bridge the discrepancies. Core involuntary resettlement principles for the TNUFIP to be followed for each sub-project, including sample subprojects are:

- (i) screening of the project to identify involuntary resettlement impacts and risks. Minimizing and avoiding land acquisition and resettlement impacts of each subproject by exploring all viable alternative designs;
- (ii) where unavoidable, time-bound resettlement plans be prepared and affected persons will be assisted in improving or at least regaining their pre-program standard of living;
- (iii) full information and close consultations with affected persons including consultation with affected persons on compensation, disclosure of resettlement information to affected persons, and participation of affected persons in planning and implementing subprojects will be ensured; Disclose a draft resettlement plan, including documentation of the consultation process in a timely manner to affected persons and other stakeholders. Disclose the final resettlement plan and other documents such as the monitoring reports to affected persons and other stakeholders;
- (iv) Where the resettlement impacts are unavoidable, the displaced persons should be assisted in improving or at least regaining their standard of living;
- (v) Vulnerable groups comprising below poverty line households, including female-headed households, disabled persons, elderly, children, landless,

- non-titled households with no tenure security, and schedule castes and scheduled tribe households will be given special assistance;
- (vi) payment of compensation to affected persons including non-titled persons (e.g., informal dwellers/squatters, and encroachers) for acquired assets at replacement cost;
- (vii) payment of compensation and resettlement assistance prior to the contractor taking physical acquisition of the land and prior to the commencement of any construction activities;
- (viii) provision of income restoration and rehabilitation; and
- (ix) establishment of appropriate grievance redress mechanisms.

38. A detailed description of each compensation measure and assistance is provided in the Entitlement Matrix attached in resettlement framework while a Tirunelveli subproject specific/ applicable entitlement matrix is given in Table 3. Affected persons will be entitled to a combination of compensation measures and resettlement assistance, depending on the nature of ownership rights of lost assets and scope of the impact, including social and economic vulnerability of the affected persons.

G. Entitlements, Assistance and Benefits

39. Potential temporary economic impacts are identified for Tirunelveli subproject ranging from 20-30 days of construction time for each road stretch of about 500m. In majority of the roads impacts will be avoided as the sewer network will be laid in the middle of the road. In wider and divided roads where work needs to be undertaken on both sides of the road, impacts can be avoided/minimized by taking construction on one side of the road at a time. In such cases temporarily affected persons will be assisted in moving to the other side of the road and returning their temporary structures to the original location after construction is completed. Where moving is not required, access will be ensured by the contractor through measures prescribed in environmental management plan (EMP). During implementation if more number of affected persons are identified at one place (e.g. vegetable market) then an alternate place in the vicinity will also be identified so that they can continue with their livelihood activities.

40. Potentially affected persons that use movable stalls (Appendix 3) can be shifted to nearby locations if properly informed. Advance notice regarding construction activities, including duration and type of disruption provided to temporarily affected persons once contractor's work plans are finalized, with minimum 7 working days. If required, they will also be assisted to temporarily shift for continued economic activity. For example, they will be assisted to shift to the other side of the road or nearby areas where there is no construction. Ensuring there is no income or access loss during sub-project construction is the responsibility of contractors.

Table 3: Entitlement Matrix⁶

| No. | Impact Category | Entitlements | Explanations |
|---|--------------------|--|--------------|
| Unforeseen Impacts^a | | | |
| A | Unforeseen Impacts | Unforeseen impacts encountered during implementation will be addressed in accordance with the principles of this resettlement framework. | - |
| Temporary Economic Impacts during implementation | | | |

⁶ Any changes required in the Entitlement Matrix pursuant to any Amendments in the LARR 2013 Act and Rules notified by the GOTN will be incorporated with the concurrence of the ADB. All cash allowance in the EM will be revised at the rate of 5% per annum starting from financial year 2019-20.

| No. | Impact Category | Entitlements | Explanations |
|-----|----------------------------|---|--|
| A | Temporary economic impacts | Compensation for loss of income for the duration of impact based on net income worked out as per IT returns or based on notified minimum wage rates, whichever is higher. | Advance notice provided to temporarily affected persons once contractor's work plans are finalized, with minimum 7 working days. |

^a If unanticipated involuntary resettlement impacts are found during implementation, a social impact assessment will be conducted and the resettlement plan updated or a new resettlement plan prepared, in accordance with ADB SPS 2009.

41. If construction activities result in unavoidable livelihood disruption, compensation for lost income based on the net income or as per notified minimum wage rates, whichever is higher will be provided. Vulnerable affected persons will be given priority in project construction employment. Compensation and assistance to temporarily affected persons will be made prior to their shifting from original place of business (if required) and before start of civil works. Since most affected households have moveable stalls, ID cards should be distributed minimum of 7 days before compensation. In summary, temporarily affected persons will be provided with:

- (i) Advance notice regarding construction activities, including duration and type of disruption provided to temporarily affected persons once contractor's work plans are finalized, with minimum 7 working days;
- (ii) Contractor's actions to ensure there is no income/access loss consistent with the initial environmental examination. This includes: leaving spaces for access between mounds of soil, providing walkways and metal sheets to maintain access across trenches for people and vehicles where required, increased workforces to finish work in areas with impacts on access, timing of works to reduce disruption during business hours, phased construction schedule and working one segment at a time and one side of the road at a time;
- (iii) Assistance to mobile vendors/hawkers to temporarily shift for continued economic activity. For example, assistance to shift to the other side of the road where there is no construction; and
- (iv) For construction activities involving unavoidable livelihood disruption (temporary income loss), compensation for lost income for the period of disruption.

H. Resettlement Budget and Financing Plan

42. The resettlement budget for Tirunelveli subproject is estimated at ₹0.80million. The costs are indicative estimates to be confirmed post detailed measurement survey based on detailed design, and comprise GRM and consultation costs. Resettlement Plan costs will be confirmed during detailed project preparation/implementation.

Table 4: Resettlement Cost

| | Details | No. | Unit Cost | Total Cost (₹) |
|---|--|-----|----------------|----------------|
| 1 | Temporary Income Loss | | | |
| | Provisional sum for compensation of temporary income loss at notified minimum wage rate ^a for 17affected persons for 25 days ^b | 17 | 25 days 643 | 273,275 |
| 2 | Surveys, consultations, grievances and awareness | | | |
| | DMS Survey & updating for Resettlement Plan ^c | | LS | 200,000 |
| | Consultation, grievance redress, disclosure ^d | | LS | 250,000 |
| | Sub-total | | | 723,275 |
| | Contingency @ 10% | | | 72,328 |
| | Grand Total (₹) | | | 795,603 |

Note:

^a Minimum wage rate estimated based on:

Weblink: [HTTP://CMS.TN.GOV.IN/SITES/DEFAULT/FILES/GO/LABEMP_E_62_2017_2D_PDF.PDF](http://cms.tn.gov.in/sites/default/files/go/labemp_e_62_2017_2D_PDF.PDF).

^b For the purpose of budget preparation in the draft resettlement plan, notified minimum wage rate is used, as per the entitlement matrix. Costs in the updated resettlement plan will be based on a comparison of census and socio-economic survey data on income with the prevailing notified minimum wage rate at the time of compensation payment.

^c Detailed measurement surveys (DMS) will be conducted in sections ready for implementation, based on detailed design to confirm impacts.

^d The allocation for disclosure includes cost of translation of the resettlement plan to Tamil.

43. All land acquisition and resettlement costs will be borne by the government/ULB/PIU. Under TNUFIP, it is suggested that payment will be directly made by PIU to affected persons. The CMSC SRSE/GIAC will be involved in facilitating the disbursement process, and will facilitate opening bank accounts for the affected persons (both permanent and temporary loses) who do not have bank accounts.

I. Institutional Arrangements and Implementation Schedule

44. The Municipal Administration and Water Supply Department (MAWS) acting through the Tamil Nadu Urban Infrastructure Financial Services Ltd. (TNUIFSL) will be the state-level executing agency. A program steering committee, headed by Principal Secretary, MAWS, GOTN, will provide overall guidance and strategic directions to the program. A PMU for TNUFIP, headed by the Managing Director (MD), TNUIFSL acting as Program Director will be established within TNUIFSL for overall management, planning, implementing, monitoring, reporting, and coordinating TNUFIP. The Commissioner of Municipal Administration will act as the Deputy Program Director in the PMU. The project urban local bodies (ULBs), represented by respective Municipal Commissioners, will be the implementing agencies (IAs) for works in cities/towns and will establish program implementing units (PIUs) headed by a municipal engineer as full-time Project Manager. For sewerage and water supply works in Chennai, CMWSSB, represented by its Managing Director, will be the IA and establish a PIU headed by a superintending engineer as full-time Project Manager. PIUs will be responsible for overseeing implementation of the various projects on a day-to-day basis. ULBs under the Program with less project implementation capacity, may utilize implementation support from the Tamil Nadu Water and Drainage Board (TWADB) to act as PIU. The Project Managers of the PIUs will be supported by technical, financial, safeguards and administrative staff from a Contract Management and Supervision Consultant (CMSC)

recruited by TNUIFSL. For the capacity development and incentivized reforms components, CMA acting through its Commissioner, will be responsible for carrying out these activities and establish a PIU.

45. A Program Steering Committee, headed by Principal Secretary, MAWS, and Members comprises of: (i) Managing Director, TNUIFSL (Convener); (ii) Commissioner of Municipal Administration; (iii) Managing Director, CMWSSB; (iv) Managing Director, TWADB; and (v) Managing Director, TUFIDCO.

46. **Project Management Unit.** PMU will (i) monitor the Project and have overall responsibility for ensuring adoption and compliance of resettlement framework and ADBs SPS. Additionally, PMU will monitor PIUs for: (i) identifying and preparing subprojects; (ii) reviewing resettlement plans prepared by PIU/ULB; (iii) ensure adoption and compliance of resettlement framework in land acquisition and other safeguards; (iv) guide in awareness campaigns and participation programs; (v) organize and operate the program performance monitoring system; (vi) prepare and submit timely reports to ADB; and (vii) design and organize capacity building programs. PMU will be assisted by CMSC in managing and guiding the overall implementation of the Program. Social Project Officer (SPO) of PMU will responsible for all land acquisition and resettlement matters from PMU side. PMU SPO will perform responsibilities like: (i) addressing social safeguards issues; (ii) implementing the resettlement framework; (iii) report to Projects Head with respect to land acquisition and resettlement plan implementation in the subprojects; (iv) monitoring physical and financial progress on land acquisition activities and updating the PMU on the same; (v) monitoring implementation of safeguards plans (resettlement plan); (vi) guiding the PIUs as and when necessary; and (vii) endorsing and submitting periodic monitoring reports⁷.

47. **Project Implementation Unit.**⁸ PIUs will be established in each of the participating ULBs within their structure or at TWADB and in CMWSSB. For Tirunelveli UGSS subproject PIU will be established at ULB supported by CMSC. PIU ASO will implement social safeguards at the PIU level. The PIUs will be responsible for implementation of the resettlement plans. PIUs will undertake internal monitoring and supervision and record observations throughout the project period to ensure that the safeguards and mitigation measures are provided as intended. PIUs will be responsible for: (i) conduct briefing to contractors on safeguards requirements including GRM; (ii) implementing and monitoring safeguards compliance activities, public relations activities, gender mainstreaming activities, and community participation activities; (iii) coordinating with district administration and GIAC for land acquisition and R&R aspects and addressing any problems and/or delays; (iv) monitoring physical and financial progress on land acquisition and R&R activities; (v) organizing monthly meetings with the PIU to review the progress on R&R; and (vi) share all reports relating to land acquisition, alienation, R&R activities etc. and status to PMU.

48. **Construction, Management and Supervision Consultant.** The implementing agency will be assisted by a CMSC social and resettlement safeguards expert (SRSE). The SRSE will (i) based on final designs, carry out census and socio-economic surveys/verification surveys for the affected people and update resettlement plan in line with

⁷ The monitoring report will focus on the progress of implementation of the IEE/EIA and EARF, RP/RF and IPP/IPF, issues encountered and measures adopted, follow-up actions required, if any, as well as the status of compliance with subproject selection criteria and relevant loan covenants.

⁸ If the subproject triggers new LARR, PIU will facilitate land acquisition through District Collector and will provide all details of land acquisition to CMSC SSE/PMU. CMSC SSE will incorporate the same in Resettlement Plan and check its compliance with resettlement framework/ADB SPS 2009 to make necessary additions (if any). PIU will bear the cost of any deviations in the compensation etc. to comply with Resettlement Framework/ADB SPS 2009. Government procedures under land acquisition act can run parallel even though under ADB project required surveys/preparation of RP will be undertaken. ADB project need to wait for the outcomes of government procedures to finalize the compensation and disbursement of payments.

the TNUFIP resettlement framework; (ii) identify requirement for any enter upon permissions (EUPs)/No Objection Certificates (NOCs) for subproject sites and assist PIUs in obtaining the same prior to start of civil works. Prepare any additional safeguard documentation, if required, such as due diligence reports; (iii) assist PIU in day-to-day implementation of resettlement plan activities and ensure contractors comply with conditions of resettlement framework/resettlement plan; (iv) take proactive action to anticipate and avoid delays in implementation, and ensure gender equality and social inclusion during implementation; (v) assist PIU in conducting public consultation and disclosure activities; (vi) Assist PIU in preparing periodic social safeguard monitoring reports as per Project Administration Manual requirements; (vii) under guidance of GIAC, assist PIU in establishing a system and indicators, focusing on gender and vulnerable households, to monitor social safeguards including GRM activities; (viii) support GIAC in conducting training focused on involuntary resettlement safeguards implementation capacity of the PIUs; and (ix) assistance to PIU/PMU in any other social safeguard related tasks.

49. **Governance Improvement and Awareness Consultants.** The scope of service will include, but not be restricted to, implementation, monitoring and reporting of the community awareness and participation plan (CAPP); gender action plan, and monitor and guide resettlement plan implementation and lead involuntary resettlement trainings. Specific tasks related to social safeguards include: (i) monitor and guide PIUs on resettlement plan implementation, with particular reference to significant impacts; (ii) lead involuntary resettlement training and capacity building on involuntary resettlement/ indigenous people safeguards to project PIUs and CMA; (iii) guide PIUs to set up grievance redress mechanisms, record keeping and feedback mechanisms; and (iv) guide PIUs in keeping detailed records of progress and establishing monitoring and reporting systems for resettlement. GIAC will also provide guidance to PIUs on specific requirements for indigenous peoples plan implementation, if Safeguard Requirements 3 triggered.

50. To build the institutional capacity for resettlement plan preparation and implementation, following key training activities will be undertaken (Table 5). The cost of trainings for all project cities and staff will be borne by Project's capacity building program by PMU. The detailed cost and specific modules will be customized for the available skill set after assessing the capabilities of the target participants and the requirements of the project.

Table 5: Indicative Training Needs Assessment

| Description | Target Participants and Venue |
|---|---|
| 1. Introduction and Sensitization to Social/Involuntary Resettlement/Indigenous Peoples Safeguards (1 day) - ADB Safeguards Policy Statement - Government of India and Tamil Nadu applicable social safeguard acts - Incorporation of social/resettlement components under EMP into the project design and contracts - Monitoring, reporting and corrective action planning | All staff and consultants involved in the project At PMU, Chennai First year of the launch of TNUFIP. |
| 2. Resettlement Plan implementation (2 days; 2 times during implementation with interval of 1 year in-between) - Roles and responsibilities - Resettlement Plan components and stages in implementation - Construction schedules and timelines - Public relations - Consultations - Grievance redress | All staff and consultants involved in the subproject All contractors prior to award of contract |

| Description | Target Participants and Venue |
|---|---|
| <ul style="list-style-type: none"> - Monitoring and corrective action planning - Reporting and disclosure - Timely documentation | At each PIU |
| 3. Experiences and best practices sharing (1 day) <ul style="list-style-type: none"> - Experiences on Resettlement Plan implementation - Issues and challenges - Best practices followed | All staff and consultants involved in the project All contractors All consultants At PMU Chennai |

ADB = Asian Development Bank, PIU = project implementation unit, PMU = project management unit, TNUFIP = Tamil Nadu Urban Flagship Investment Program

Table 6: Institutional Roles and Responsibilities

| Activity | Responsible Agency |
|---|---|
| Subproject Initiation Stage | |
| Finalization of sites for sub-projects | PIU |
| Disclosure of proposed land acquisition and sub-project details by issuing Public Notice | PIU |
| Meetings at community/household level with affected persons | PIU/CMSC |
| Resettlement Plan Preparation and Updating Stage | |
| Conducting Census of all affected persons | PIU/ULB |
| Conducting FGDs/meetings/workshops | PIU/ULB |
| Computation of replacement values of land/properties proposed for acquisition and for associated assets | PIU/ULB and as per RFCTLARR 2013 for Land Acquisition |
| Categorization of affected persons for finalizing entitlements | PIU/ULB |
| Formulating compensation and rehabilitation measures | PIU/ULB |
| Conducting discussions/meetings/workshops with affected persons and other stakeholders | PIU/ULB |
| Fixing compensation for land/property with titleholders | As per RFCTLARR 2013 for land acquisition |
| Finalizing entitlements and rehabilitation packages | PIU/ULB |
| Disclosure of resettlement plan | PIU |
| Approval of resettlement plan | PMU/ ADB |
| Sale deed execution and payment | PIU/ULB |
| Taking possession of land | PIU/ULB |
| Resettlement Plan Implementation Stage | |
| Implementation of proposed rehabilitation measures | PIU/CMSC |
| Consultations with affected persons during rehabilitation activities | PIU/ CMSC |
| Grievances redressal | CMSC/PIU/GRC/PMU |
| Internal monitoring | PMU/PIU/ULB |

ADB = Asian Development Bank, CMSC = construction, management, and supervision consultant, CMWSSB = Chennai Metro Water Supply and Sewerage Board, FGD =focus group discussion, GRC = grievance redress committee, PIU = project implementation unit, PMU =project management unit, RFCTLARR = The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013

51. **Implementation of Resettlement Plan.** All proposed subproject utility sites will be secured prior to the contract award and start of civil works. Prior to contract award, for all TMC/government lands, PIU will confirm that there are no legacy issues related to acquisition of the sites (i.e., year in which land was acquired/obtained, whether acquired in anticipation of ADB funding, whether all compensation has been paid and accepted, and whether there are any pending legal/other issues). This could be in the form of self-certification by the owner department/TMC. This will be submitted to ADB through PMU

before contract award and start of civil works. The resettlement plan will also be disclosed in English and its Summary in Tamil prior to contract award.

Table 7: Schedule of Resettlement Implementation

| | 2017 | 2018 | | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|------|------|----|--|------|------|------|------|
| | Q4 | H1 | H2 | | | | | |
| Setting up of PIUs | | | | | | | | |
| Appointment of CMSC | | | | | | | | |
| Appointment of GIAC | | | | | | | | |
| Setting up of project level GRM | | | | | | | | |
| Awareness generation among affected persons on entitlements, impact avoidance and mitigation measures to be implemented by the contractor | | | | | | | | |
| Conduct detailed measurement surveys, census surveys and issuance of ID cards in sections ready for construction | | | | | | | | |
| Identify Vulnerable affected persons, if any* | | | | | | | | |
| Update draft Due Diligence Report | | | | | | | | |
| Update draft Resettlement Plan to reflect surveys, consultations, design changes, and due diligence results | | | | | | | | |
| Consultations and disclosure | | | | | | | | |
| Review and approval of updated Resettlement Plan (PMU and ADB) | | | | | | | | |
| Training/capacity building of PMU and PIU safeguards officers, engineers and other staff, DSISC supervision staff and contractor's staff | | | | | | | | |
| Payment of compensation | | | | | | | | |
| Handover of sites and alignments to contractors | | | | | | | | |
| Start of civil works | | | | | | | | |
| Internal monitoring, including surveys of affected persons on entitlements, satisfaction surveys | | | | | | | | |
| Repair/reconstruction of affected facilities, structures, utilities, if any | | | | Immediately, in consultation with other departments, as required | | | | |

ADB = Asian Development Bank, GIAC = government improvement and awareness consultant, GRC = grievance redress committee, PIU = project implementation unit, PMU = project management unit, CMSC = construction, management, and supervision consultant.

* The start date of census will be the cut-off date for non-titled affected persons.

** The Resettlement Plan will be updated based on final detailed design and affected person census and surveys.

*** Endorsement and disclosure of final Resettlement Plans consistent with the Resettlement Framework to be undertaken

J. Monitoring and Reporting

52. Resettlement plan implementation will be closely monitored by the PMU. PIU will prepare monthly progress reports on implementation of resettlement plan and submit to PMU, documenting actual achievements against targets fixed and identifying reasons for shortfalls, if any. These reports will feed into the overall monitoring reports for the TNUFIP which will be generated every quarter for the first year of implementation and bi-annually thereafter. Details to be covered under internal monitoring are elaborated in resettlement framework.

DETAILS OF ROADS/STREETS SCREENED UNDER RESETTLEMENT SURVEY

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|--|-------------|
| | THATCHANALLUR ZONE | |
| | STREET NAME | |
| WD-01 | CHITHAMBARA NAGAR COLONY | Residence |
| WD-01 | MADURAI STREET (GANAPATHI MILL COLONY, UNAVOO MILL COLONY) | Mixed |
| WD-01 | PERIYA AMMAN KOIL STREET | Residence |
| WD-01 | SANKARAN KOIL ROAD EXTENSION SIDE | Residence |
| WD-01 | TIRUNELVELI ROAD NORTH SIDE, SOUTH SIDE | Mixed |
| WD-01 | VALAJAPETTAI NORTH STREET | Residence |
| WD-01 | CHENAIAR STREET | Residence |
| WD-01 | VALAJA PETTAI MIDDLE STREET | Residence |
| WD-01 | MUTHU MARIAMMAN KOVIL STREET | Residence |
| WD-01 | DURGAIAMMAN KOVIL STREET | Residence |
| WD-01 | PAUL KATTALAI NORTH STREET | Residence |
| WD-01 | SINIAPPAN THIRUTHU | Residence |
| WD-01 | SINIAPPAN THIRUTHU NORTH STREET | Residence |
| WD-01 | SINIAPPAN THIRUTHU MIDDLE STREET | Residence |
| WD-01 | SINIAPPAN THIRUTHU WEST STREET | Residence |
| WD-01 | SINIAPPAN THIRUTHU PALPANNAI STREET | Residence |
| WD-01 | EGGALIAMMAN KOVIL STREET | Residence |
| WD-01 | DENEER KULAM NORTH STREET | Residence |
| WD-01 | KRISHNAN KOVIL STREET | Residence |
| WD-01 | KRISHNAN KOVIL STREET SOUTH | Residence |
| WD-01 | DENEERKULAM KEELAMEL CROSS STREET | Residence |
| WD-01 | PAUL KATTALAI SOUTH STREET | Residence |
| WD-01 | DENEERKULAM SOUTH STREET | Residence |
| WD-01 | DURGA AMMAN KOVIL STREET | Residence |
| WD-01 | DENEERKULAM SOUTH STREET | Residence |
| WD-01 | BAJANAIMADA STREET | Residence |
| WD-01 | DENEERKULAM MIDDLE STREET | Residence |
| WD-01 | MADURAI ROAD (1) | Commercial |
| WD-01 | SEENIAPPAN SOUTH STREET | Residence |
| WD-01 | CHATHIRAM VINAYAGAR STREET | Residence |
| WD-01 | C.V.NORTH STREET | Residence |
| WD-01 | PUTHUKULAM VINAYAKAR STREET | Residence |
| WD-01 | CHATRAM PUTHUKULAM VINAYAGAR KOVIL STREET | Residence |
| WD-01 | CHATHIRAM PUTHUKULAM | Residence |
| WD-01 | C.V.VANNAKUDI STREET. | Residence |
| WD-01 | SUNDARA VINAYAGAR KOIL STREET | Residence |
| WD-01 | GRAMA SAVADI STREET | Residence |
| WD-01 | CHATHIRAM PUTHUKULAM 2 | Residence |
| WD-01 | C.V.KOIL MIDDLE STREET | Residence |
| WD-01 | PUDUKULAM NEW COLONY | Residence |
| WD-01 | THENEERKULAM NORTH | Residence |
| WD-01 | THENEERKULAM NEW STREET | Residence |
| WD-01 | TOWN CHAVADI STREET | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|--|-------------|
| | THATCHANALLUR ZONE | |
| | STREET NAME | |
| WD-01 | CHATRAM PUTHUKULAM NORTH STREET | Residence |
| WD-01 | THENEERKULAM EAST STREET | Residence |
| WD-01 | THENEERKULAM STREET | Residence |
| WD-01 | THENEERKULAM SOUTH STREET | Residence |
| WD-01 | THENEERKULAM WEST STREET | Residence |
| WD-01 | THENEERKULAM MIDDLE STREET | Residence |
| WD-01 | INDIA CEMENTS OFFICER | Residence |
| WD-01 | GANDHI SILAI STREET | Residence |
| WD-01 | S.N.HIGH ROAD SOUTH | Commercial |
| WD-01 | INDIRA NAGAR | Residence |
| WD-01 | SELVAVIGNESH NAGAR | Residence |
| WD-01 | CHATRAM PUTHUKULAM VANNAKUDI STREET | Residence |
| WD-01 | GOKUL NAGAR | Residence |
| WD-01 | NAL MAIAPPAR NAGAR | Residence |
| WD-01 | CIDAMBARA NAGAR | Residence |
| WD-01 | THENNERKULAM ILLATHAR STREET | Residence |
| WD-01 | THENNEERKULAM LANE STREET | Residence |
| WD-01 | KRISHNAN KOVIL NORTH STREET | Residence |
| WD-01 | CITHI VINAYAGAR KOVIL NORTH STREET | Residence |
| WD-01 | INDIA CEMENT OFFICERS COLONY | Residence |
| WD-01 | KANDIAPERI | Residence |
| WD-01 | CHATTIRAM PUDU KULAM NORTH STREET | Residence |
| WD-01 | CHATRAM PUTHUKULAM HARIJAN SOUTH STREET | Residence |
| WD-01 | GANTHI CILAI STREET | Residence |
| WD-01 | UTCHI MAHALI AMMAN KOIL STREET | Residence |
| WD-01 | THENEERKULAM MUDUKKU STREET | Residence |
| WD-01 | CHATRAM PUTHUKULAM MIDDLE STREET | Residence |
| WD-01 | CHATRAM PUTHUKULAM 1ST SOUTH STREET | Residence |
| WD-02 | AZHAGANERI HARIJANA NORTH STREET | Residence |
| WD-02 | SUNDARAPURAM MIDDLE STREET | Residence |
| WD-02 | SUNDARAPURAM SOUTH NORTH SIDE | Residence |
| WD-02 | SUNDARAPURAM KEELA MELA IST MIDDLE STREET | Residence |
| WD-02 | SUNDARAPURAM KEELA MELA IIND MIDDLE STREET | Residence |
| WD-02 | SUNDARAPURAM MELA NORTH STREET | Residence |
| WD-02 | CHETTIKULAM KEELAGARAI HARIJANA STREET | Residence |
| WD-02 | KEELAGARAI | Residence |
| WD-02 | MELAGARAI HARIJANA MIDDLE STREET | Residence |
| WD-02 | MELAGARAI HARIJANA SOUTH STREET | Residence |
| WD-02 | MELAGARAI HARIJANA NORTH STREET | Residence |
| WD-02 | AZHAGANERI MARAVAR WEST STREET | Residence |
| WD-02 | NADAR WEST STREET | Residence |
| WD-02 | MELAGARAI BYEPASS ROAD | Commercial |
| WD-02 | NADAR EAST STREET | Residence |
| WD-02 | GRANT MIDDLE STREET | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|--|-------------|
| | THATCHANALLUR ZONE | |
| | STREET NAME | |
| WD-02 | DISLARY STREET | Residence |
| WD-02 | DEVAR STREET | Residence |
| WD-02 | UTCHIMAHAZHIAMMAN STREET | Residence |
| WD-02 | PILLAIAR KOVIL STREET | Residence |
| WD-02 | PANDARAKUDI STREET | Residence |
| WD-02 | PILLAIARKOVIL STREET | Residence |
| WD-02 | AZHAGANERI (DARAPURAM PILLAIARKULAM) | Residence |
| WD-02 | VADUGAAR STREET | Residence |
| WD-02 | VANNARKUDI STREET | Residence |
| WD-02 | ANTHONIAI KOVIL NORTH STREET | Residence |
| WD-02 | ANTHONIAI KOVIL STREET | Residence |
| WD-02 | SENAIAR WEST STREET (SENAIAR ST.EAST LINE) | Residence |
| WD-02 | SENAIAR SOUTH STREET(BAJANAI MADA ST.) | Residence |
| WD-02 | SENAIAR NORTH STREET (EAST THNAGAMMAN KOIL ST.) | Residence |
| WD-02 | MADURAI ROAD 36-115/1 AND 256-429/1 | Commercial |
| WD-02 | MADURAI ROAD (ARAVIND NAGAR),MURUGA NAGAR | Residence |
| WD-02 | THENEERKULAM NEW COLONY | Residence |
| WD-02 | AZHAGANERI (PIRAYANKULAM NARAYANAN KOVIL STREET) | Residence |
| WD-02 | KARAI IRUPPU | Residence |
| WD-02 | AZHAGANERI | Residence |
| WD-02 | GRANT SOUTH STREET | Residence |
| WD-02 | SENAIAR STREET | Residence |
| WD-02 | SENAIAR EAST STREET | Residence |
| WD-02 | EAST THANGAMMAN KOVIL | Residence |
| WD-02 | BAJANAMADAM STREET | Residence |
| WD-02 | MANGALAKUDIYERUPU | Residence |
| WD-02 | PALANI STREET | Residence |
| WD-02 | KALAIWANAR STREET | Residence |
| WD-02 | AZHAGANERI (NARAYANAN KOVIL MIDDLE STREET) | Residence |
| WD-02 | SUNDARAPURAM | Residence |
| WD-02 | MUTHU RAMALINGA THEVAR STREET | Residence |
| WD-02 | MELAKKARAI | Residence |
| WD-02 | DHARAPURAM | Residence |
| WD-02 | MURUGA NAGAR | |
| WD-02 | PIRANKULAM | Residence |
| WD-02 | ANTHONIAI KOIL NORTH ST | Residence |
| WD-02 | MELAKARAI NEW COLONY | Residence |
| WD-02 | CHETTIKULAM | Residence |
| WD-02 | CHATHIRAM PUDUKULAM | Residence |
| WD-02 | AZHAGANERI SCHOOL STREET | Residence |
| WD-02 | BYPASS ROAD | Commercial |
| WD-02 | ALAGANERI ARIZANA MIDDLE STREET | Residence |
| WD-02 | ALAGANERI ARIZANA SOUTH STREET | Residence |
| WD-02 | AZAGANERI ARUNTHATHIAR STREET | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|---|-------------|
| | THATCHANALLUR ZONE | |
| | STREET NAME | |
| WD-02 | KARAIERRUPPU (NORTH EAST SIDE) | Residence |
| WD-02 | KARAIERUPPU (NORTH SOUTH SIDE & WEST SIDE) | Residence |
| WD-02 | SUNDARAPURAM EAST STREET | Residence |
| WD-02 | KARAIERRUPPU (NORTHSIDE WEST SIDE) | Residence |
| WD-02 | KARAIIRRUPPU (NORTH PART WEST SIDE) | Residence |
| WD-02 | R.S.A.NAGAR NORTH SIDE, SOUTH SIDE, WEST SIDE | Residence |
| WD-02 | SUNDARAPURAM SOUTH STREET | Residence |
| WD-03 | ULAGAMMAN KOVIL STREET | Residence |
| WD-03 | ORUDAIAN KUDIRUPPU NORTH STREET (3) | Residence |
| WD-03 | MELA ORUDAIAN KUDIRUPPU NORTH STREET | Residence |
| WD-03 | MELA ORUDAIAN KUDIRUPPU WEST STREET | Residence |
| WD-03 | MELA ORUDAIAN KUDIRUPPU MUDUKKU STREET | Residence |
| WD-03 | ORUDAIAN KUDIRUPPU IST STREET | Residence |
| WD-03 | ORUDAIAN KUDIRUPPU IIND STREET | Residence |
| WD-03 | ORUDAIAN KUDIRUPPU IIIRD STREET | Residence |
| WD-03 | KOMBU MADASAMY KOVIL STREET | Residence |
| WD-03 | NAMBIYAN PACHERY | Residence |
| WD-03 | SOUTH STREET ANANTHAPURAM | Residence |
| WD-03 | MADAGADI PATCHERI NORTH STREET | Residence |
| WD-03 | MIDDLE STREET ANANTHAPURAM | Residence |
| WD-03 | NORTH STREET ANANTHAPURAM | Residence |
| WD-03 | WEST STREET | Residence |
| WD-03 | BALAJEE AVENUE | Residence |
| WD-03 | NORTH STREET | Residence |
| WD-03 | PERUMAL COLONY STREET (PERUMAL NORTH ST.) | Residence |
| WD-03 | KEELA AGGARAGARAM | Residence |
| WD-03 | SOUTH STREET | Residence |
| WD-03 | NORTH STREET(3) | Residence |
| WD-03 | GRAMA SALAI KEEL BHAGAM | Residence |
| WD-03 | MADAGADI MIDDLE STREET | Residence |
| WD-03 | DALAVAIPURAM SCHOOL STREET | Residence |
| WD-03 | KENGAI AMMAN KOVIL STREET | Residence |
| WD-03 | PERUMAL SOUTH STREET | Residence |
| WD-03 | PERUMAL SANNATHI STREET | Residence |
| WD-03 | MADAN KOVIL STREET | Residence |
| WD-03 | MADAN KOVIL EAST STREET | Residence |
| WD-03 | PUTHU AMMAN KOVIL STREET | Residence |
| WD-03 | MELUR SOUTH STREET | Residence |
| WD-03 | NADUVOOR STREET | Residence |
| WD-03 | SCHOOL STREET | Residence |
| WD-03 | MADAGADI SOUTH STREET | Residence |
| WD-03 | ASARIMAR STREET | Residence |
| WD-03 | MADURAI ROAD (3) (32-35B & 432-478/3) | Commercial |
| WD-03 | MADURAI ROAD | Commercial |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|--|-------------|
| | THATCHANALLUR ZONE | |
| | STREET NAME | |
| WD-03 | SIVASAKTHI ROAD IST SOUTH STREET | Residence |
| WD-03 | NAINAR KULAM ROAD | Commercial |
| WD-03 | PERUMAL KOVIL WEST STREET | Residence |
| WD-03 | MELA AGRAHARAM | Residence |
| WD-03 | THENVADAL PUTHUMANAI STREET | Residence |
| WD-03 | SIVASAKTHI ROAD IIND SOUTH STREET | Residence |
| WD-03 | WEST ORUDAIAN KUDIRUPPU SOUTH STREET | Residence |
| WD-03 | MAVADI KULATHANGARAI STREET | Residence |
| WD-03 | WEST ORUDAIAN KUDIRUPPU WEST STREET | Residence |
| WD-03 | WEST ORUDAIAN KUDIRUPPU LANE STREET NEW COLONY | Residence |
| WD-03 | ANANTHAPURAM SOUTH STREET | Residence |
| WD-03 | ANANTHAPURAM MIDDLE STREET | Residence |
| WD-03 | ANANTHAPURAM NORTH STREET 3 | Residence |
| WD-03 | GANGAI AMMAN KOVIL STREET | Residence |
| WD-03 | OORUDIAN KUDIERRUPU SOUTH ST | Residence |
| WD-03 | PRIYA GARDEN | Residence |
| WD-03 | PERUMAL NORTH STREET | Residence |
| WD-03 | SAM NAGAR MAVADI KULATHANKARAI | Residence |
| WD-03 | ORIDAIAN KUDIRUUPU DEVAMAR KUDIRUPPU | Residence |
| WD-03 | PGROAD | |
| WD-03 | BALAJI NAGAR | Residence |
| WD-03 | SIVASAKTHI ROAD | Residence |
| WD-03 | ORUDAIAN KUDIRUPPU MIDDLE STREET | Residence |
| WD-03 | ORUDAIAN KUDIRUPPU NORTH STREET | Residence |
| WD-03 | MIDDLE STREET THENVADAVAL PUTHUMANAI STREET | Residence |
| WD-04 | NORTH HARIJANA STREET | Residence |
| WD-04 | KANNAGI STREET | Residence |
| WD-04 | KALAIVANAR N.S.K.STREET | Residence |
| WD-04 | UDAIARPATTI SANGILI POOTHATHAR STREET | Residence |
| WD-04 | UDAIARPATTI SALAI STREET | Residence |
| WD-04 | MEGALINGAPURAM NORTH STREET | |
| WD-04 | THATCHANALLUR ROAD (WASTE LAND) | |
| WD-04 | SELVI AMMAN NORTH STREET | Residence |
| WD-04 | BYE PASS ROAD (4) | Commercial |
| WD-04 | SIVASAKTHI NAGAR | Residence |
| WD-04 | MEGALINGAPURAM SALAI STREET | |
| WD-04 | MARAVAR STREET | Residence |
| WD-04 | SELVI AMMAN NORTH STREET (EXTENSION) | Residence |
| WD-04 | BALA PACKIAH NAGAR | Residence |
| WD-04 | SUGAR MILL COLONY | Residence |
| WD-04 | MADURAI ROAD(98-108) | Commercial |
| WD-04 | PILLAIMAR STREET(D.NO. 101,101A) | Residence |
| WD-04 | THATCHANALLUR ROAD (THILAK NAGAR) | Residence |
| WD-04 | KAMARAJAR STREET (4) | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|-------------------------------|-------------|
| | THATCHANALLUR ZONE | |
| | STREET NAME | |
| WD-04 | SIVANTHI NAGAR | Residence |
| WD-04 | MADURAI ROAD(4) | Commercial |
| WD-04 | GOKULAM STREET | Residence |
| WD-04 | PILLAIMAR STREET | Residence |
| WD-04 | SANGALI BOOTHATHAN KOIL ST | Residence |
| WD-04 | SOUTH BALA BACKIANAGAR | Residence |
| WD-04 | BALAPACKIANAGAR SOUTH | Residence |
| WD-04 | NORTH BALAPACIANAGAR | Residence |
| WD-04 | SALAT MATHAPURAM | Residence |
| WD-04 | MANIMOORTHEESWARM SIDE | Residence |
| WD-04 | KAMATCHIAMMAN KOVIL STREET | Residence |
| WD-04 | PANNEER SELVAM STREET | Residence |
| WD-04 | ANNAI SATHIAH STREET | Residence |
| WD-04 | UDAIARPATTI ATHANGARAI STREET | Residence |
| WD-04 | VZHAVANTHA AMMAN KOVIL STREET | Residence |
| WD-05 | KAMARAJAR STREET (NADAR ST.) | Residence |
| WD-05 | SREEPURAM | Mixed |
| WD-05 | S.N.HIGH ROAD | Commercial |
| WD-05 | T.M.ROAD | |
| WD-05 | MADURAI ROAD(5) | Commercial |
| WD-05 | SINDUPOONDURAI SALAI STREET | Residence |
| WD-05 | SINDUPOONDURAI EAST STREET | Residence |
| WD-05 | PUTHU AMMAN KOVIL STREET | Residence |
| WD-05 | RAILWAYCOLONY | Residence |
| WD-05 | POLICECOLONY | Residence |
| WD-05 | SINDUPOONDURAI WEST STREET | Residence |
| WD-05 | SINDUPOONDURAI MIDDLE STREET | Residence |
| WD-05 | SINDUPOONDURAI NORTH STREET | Residence |
| WD-05 | SELVINAGAR(5) | Residence |
| WD-06 | GANESAPURAM | Commercial |
| WD-06 | PERUMAL SOUTH CAR STREET | Residence |
| WD-06 | PERUMAL NORTH CAR STREET | Residence |
| WD-06 | PERUMAL SANNATHI ST | Residence |
| WD-06 | KAILASAPURAM NORTH STREET | Residence |
| WD-06 | KAILASAPURAM EASTSTREET | Residence |
| WD-06 | KAILASAPURAM MIDDLE STREET | Residence |
| WD-06 | KAILASAPURAM SOUTH STREET | Residence |
| WD-06 | KAILASAPURAM WEST STREET | Mixed |
| WD-06 | MOTHILAL STREET | Residence |
| WD-06 | HIGH ROAD | Residence |
| WD-06 | PERUMAL EAST CAR STREET | Mixed |
| WD-07 | BARATHI COLONY | Residence |
| WD-07 | MEENAKSHIPURAM EAST STREET | Residence |
| WD-07 | PULIAN THOPPU SOUTH STREET | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|--|-------------|
| | THATCHANALLUR ZONE | |
| | STREET NAME | |
| WD-07 | PULIAN THOPPU MIDDLE STREET | Residence |
| WD-07 | PULIAN THOPPU WEST STREET | Residence |
| WD-07 | PULIAN THOPPU NORTH STREET | Residence |
| WD-07 | PULIAN THOPPU SOUTH STREET | Residence |
| WD-07 | MEENAKSHIPURAM SOUTH STREET (7) | Residence |
| WD-07 | MEENAKSHIPURAM NORTH STREET (7) | Residence |
| WD-07 | PERUMAL WEST CAR STREET (7) | Residence |
| WD-07 | PILLAIYAR KOIL ST | Residence |
| WD-07 | BARANI STREET | Residence |
| WD-07 | DHARMARAJA KOVIL EAST ST | Residence |
| WD-07 | MEENACHIPURAM CROSS STREET | Residence |
| WD-07 | MEENAKSHIPURAM EAST STREET | Residence |
| WD-07 | ADIDANAR STREET | Residence |
| WD-07 | ETTHIRAJ STREET | Residence |
| WD-07 | ANNA NAGAR | Residence |
| WD-07 | SIVA PURAM | Residence |
| WD-07 | VARATHARAJA PURAM | Residence |
| WD-07 | SANNIASI GRAMAM | Residence |
| WD-07 | SIDDI VINAYAGAR KOVIL STREET | Residence |
| WD-39 | MUTHURAMALINGANAR STREET | Residence |
| WD-39 | KURUGUTHURAI SOUTH CAR STREET | Residence |
| WD-39 | C.N.GRAMAM EAST STREET | Residence |
| WD-39 | C.N.GRAMAM SORGAVASAL STREET | Residence |
| WD-39 | C.N.GRAMAM WEST STREET | Residence |
| WD-39 | C.N.GRAMAM MISSION STREET | Residence |
| WD-39 | MEENACHI PURAM MELA STREET (RAILWAY COLONY INCULDED) | Residence |
| WD-39 | V.K.ROAD | Residence |
| WD-39 | CNV 7TH STREET | Residence |
| WD-39 | C.N.GRAMAM LAKSHMIPURAM | Residence |
| WD-39 | C.N.GRAMAM PUTHUMANAI STREET | Residence |
| WD-39 | SCHOOL STREET | Residence |
| WD-39 | KURUGUTHURAI ROAD | Mixed |
| WD-39 | BABUJEE JEGAJEEVAN RAM COLONY | Residence |
| WD-39 | VEERARAGAVAR COLONY | Residence |
| WD-39 | RAJAJEE STREET | Residence |
| WD-39 | KURUGUTHURAI NORTH CAR STREET | Residence |
| WD-39 | KURUGUTHURAI EAST CAR STREET | Residence |
| WD-54 | THIRUNEELAGANDAR STREET | Residence |
| WD-54 | PARVATHA SINGA RAJA STREET | Residence |
| WD-54 | KARUVELAN KUNDU WEST STREET | Residence |
| WD-54 | KARUVELAN KUNDU STREET | Residence |
| WD-54 | AKKASALAI VINAYAGAR KOVIL STREET | Residence |
| WD-54 | NORTH ANAVARATHA VINAYAGAR KOVIL STREET | Residence |
| WD-54 | THONDAR SANNATHI STREET | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|--|-------------|
| | THATCHANALLUR ZONE | |
| | STREET NAME | |
| WD-54 | AKKASALAI VINAYAGAR KOVIL STREET | Residence |
| WD-54 | KAMACHIAMMAN KOVIL STREET | Residence |
| WD-54 | NALLAMUTHAMMAN KOIL SOUTH STREET | Residence |
| WD-54 | NALLAMUTHAMMAN SANNATHI STREET | Residence |
| WD-54 | VEERASAIVA ANAVARADHA VINAYAGAR KOVIL STREET | Residence |
| WD-54 | NORTH ANAVARATHA VINAYAGAR KOVIL STRET | Residence |
| WD-54 | KAMARAJAR STREET(54) | Residence |
| WD-54 | PARVADHASINGH RAJA SOUTH STREET | Residence |
| WD-54 | NALLAMUTHAMMAN WEST STRET | Residence |
| WD-54 | ANAVARATHA VINAYAGAR KOVIL STREET | Residence |
| WD-54 | AZAD ROAD | Residence |
| WD-54 | THONDAR WEST STREET | Residence |
| WD-54 | THONDAR NORTH STREET | Residence |
| WD-54 | PARVATHA SINGA RAJA NORTH STREETAND SOUTH STREET | Residence |
| WD-55 | BLOCK NO:1 KANDIAPERI HARIJANA PERUMAL KOVIL STREET | Residence |
| WD-55 | KANDIAPERI MUPPITATHIAMMAN STREET | Residence |
| WD-55 | MANDIRAMOORTHY STREET | Residence |
| WD-55 | BLOCK NO:4 KANDIAPERI VAIGALKARAI STREET | Residence |
| WD-55 | THIRUVALLUVAR STREET PART3 | Residence |
| WD-55 | THIRUVALLUVAR STREET PART2 | Residence |
| WD-55 | THIRUVALLUVAR STREET PART1 | Residence |
| WD-55 | DARMARAJA KOVIL STREET | Residence |
| WD-55 | PUTTARATHIAMMAN KOVIL STREET | Residence |
| WD-55 | PUTTARATHIAMMAN LANE STREET | Residence |
| WD-55 | NETHAJI ROAD (W.NO 55) | Residence |
| WD-55 | BLOCKNO2 ILANTHAKULAM THEVAR NORTH STREET | Residence |
| WD-55 | KANDIAPERI DEVAR NORTH STREET | Residence |
| WD-55 | KANDIAPERI HARIJAN GANESAN KOVIL STREET | Residence |
| WD-55 | KANDIAPERI ILANTHAIKULAM NADAR JEBASTHIAR KOVIL STREET | Residence |
| WD-55 | KANDIAPERI ILANTHAIKULAN DEVAR STREET | Residence |
| WD-55 | KANDIAPERI ILANTHAIKULAM HARIJAN STREET | Residence |
| WD-55 | KANDIAPERI ILANTHAIKULAM NEW COLONY VELLA KOVIL STREET | Residence |
| WD-55 | KANDIAPERI FARISULLAH THAIHA STREET | Residence |
| WD-55 | SANKARANKOVIL ROAD | Commercial |
| WD-55 | DHARMARAJA KOVIL EAST STREET | Residence |
| WD-55 | KANDIAPERI HARIJAN PERUMAL KOVIL ST | Residence |
| WD-55 | BLOCK NO:5 FARISULLAH THAIGHA STREET | Residence |
| WD-55 | KANDIAPERI NALLAKUTTY KUDIRRUPPU | Residence |
| WD-55 | KANDIAPERI KOTTAIADI HARIJAN STREET | Residence |
| WD-55 | KANDIYAPERI MUPPIDATHI AMMAN STREET | Residence |
| WD-55 | KANDIAPERI VAAIKAL STREET | Residence |
| WD-55 | BLOCK NO KANDIA PERI KOTTAIADI | Residence |
| WD-55 | B1-KANDIAPERI H.P.K.STREET | Residence |
| WD-55 | RAJAJEE PURAM | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|---|-------------|
| | THATCHANALLUR ZONE | |
| | STREET NAME | |
| WD-55 | KANDIAPERI MUPPITATHIAMMAN NORTH STREET | Residence |
| WD-55 | KANDIAPERI COLONY | Residence |
| WD-55 | KANDIAPERI NALLAKUTTY NORTH STREET | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|---------------------------------------|-------------|
| | TIRUNELVELI ZONE | |
| | STREET NAME | |
| WD-40 | BHARATHIYAR STREET | Commercial |
| WD-40 | PUTHATHAR SANNATHI STREET | Mixed |
| WD-40 | AMMAN SANNATHI STREET | Residence |
| WD-40 | KATTALAI KARUVELAN CUNRU STREET | Residence |
| WD-40 | KAVAL PIRAI STREET | Residence |
| WD-40 | POODHATHAR SANNATHI STREET | Residence |
| WD-40 | POOTHATHAR SANNATHI STREET | Residence |
| WD-40 | MANIPURAM | Residence |
| WD-40 | MUTHURAMALINGA PURAM | Residence |
| WD-40 | SASTHA KOVIL STREET | Residence |
| WD-40 | KALLATHI LANE STREET | Residence |
| WD-40 | VAIYAPURI NAGAR | Residence |
| WD-40 | KATTALAI PALLA STREET | Residence |
| WD-40 | KATTALAI KARUVELAN KUNRU STREET | Residence |
| WD-40 | KAVALPIRAI STREET | Residence |
| WD-41 | CHERANMAHADEVI ROAD | Commercial |
| WD-41 | KALUVETTRI LANE STREET | |
| WD-41 | WEST MADA STREET | Commercial |
| WD-41 | WEST CAR STREET | Commercial |
| WD-41 | KARPAGA VINAYAGAR KOIL STREET | Residence |
| WD-41 | SOUTH CAR STREET | Commercial |
| WD-41 | NORTH CAR STREET | Commercial |
| WD-41 | NAINARKULAM STREET | Mixed |
| WD-41 | TOWN CLUB LANE | Residence |
| WD-41 | NORTH MOUND ROAD | Mixed |
| WD-41 | SATHYAMOORTHY STREET | Mixed |
| WD-41 | VASIKKA MEENDA VINAYAGAR KOVIL STREET | Residence |
| WD-41 | SANDIKESWARAR STREET | |
| WD-41 | THEPPAKULAM EAST STREET | Residence |
| WD-41 | VALAMPURI AMMAN KOIL STREET | |
| WD-41 | MANIKKAVASAGAR STREET | Residence |
| WD-41 | SWAMY SANNATHI STREET | Commercial |
| WD-41 | EAST CAR STREET | Commercial |
| WD-41 | SUNDARAR STREET | Residence |
| WD-41 | TAMILSANGAM STREET | Residence |
| WD-41 | PERARIGNAR ANNA 1ST STREET | Residence |
| WD-41 | PERARIGNAR ANNA 2ND STREET | Residence |
| WD-41 | SUDALAIMADAN KOIL STREET | Residence |
| WD-41 | PERARIGNAR ANNA 3RD STREET | Residence |
| WD-41 | SOUTH MADA STREET (POLICE QUARTERS) | Residence |
| WD-41 | SANGAROJITHAR STREET | Mixed |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|--------------------------------------|-------------|
| | TIRUNELVELI ZONE | |
| | STREET NAME | |
| WD-41 | EAST CAR STREET | Commercial |
| WD-41 | EAST CAR STREET | Commercial |
| WD-41 | NORTHCAR STREET | Commercial |
| WD-41 | PERRARINGAR ANNA STREET | Residence |
| WD-41 | SATHIYA MOORTHY STREET | |
| WD-41 | SUDALAI MADAN KOVIL STREET | Residence |
| WD-41 | CHITTIRAI LANE STREET | |
| WD-41 | SENGOLL LANE STREET | |
| WD-41 | SUNDARA THOLAR STREET | |
| WD-41 | APPAR STREET | Mixed |
| WD-41 | VEERAKERALA PERUN STREET | Commercial |
| WD-41 | JEEVA STREET | Residence |
| WD-42 | KALLANAI STREET | Residence |
| WD-42 | VAGAIYADI AMMAN KOIL STREET | Mixed |
| WD-42 | SANJAY GANDHI COLONY | |
| WD-42 | N.V. NATARAJAN STREET | Residence |
| WD-42 | SIVA STREET | Residence |
| WD-42 | V.O.C. STREET | Mixed |
| WD-42 | KULAPIRAI STREET | Residence |
| WD-42 | South MountRoad | Mixed |
| WD-42 | Santhi Madan Kovil Street | Residence |
| WD-42 | SOUTH MOUND ROAD | |
| WD-42 | SOUTH MOUNT ROAD | Commercial |
| WD-42 | PERUMAL SOUTH CAR ST | Residence |
| WD-42 | SOUTHMOUNT ROAD | Residence |
| WD-42 | V.O.C.STREET | Residence |
| WD-42 | N.V.NATARAJAN ST.(SOUTH MOUNT ROAD) | |
| WD-42 | PERUMAL SOUTH MADA STREET | Residence |
| WD-42 | PERUMAL WEST CAR STREET | Residence |
| WD-42 | PERUMAL NORTH MADA STREET | Residence |
| WD-42 | PERUMAL NORTH CAR STREET | Residence |
| WD-42 | CHANDI MADAN KOVIL STREET | Residence |
| WD-42 | PERUMAL SANNATHI STREET | Residence |
| WD-42 | PERUMAL EAST CAR STREET | Commercial |
| WD-43 | RAILWAY FEEDER ROAD | Mixed |
| WD-43 | SOWKATH ALI STREET | Residence |
| WD-43 | KUNNATHUR ROAD | Residence |
| WD-43 | SOWKATHALI STREET | Residence |
| WD-43 | RAILWAY STATION | Residence |
| WD-43 | BHABA SOUTH STREET | Residence |
| WD-43 | BHABA NORTH STREET | Residence |
| WD-43 | MADATHAN QUARTERS | |
| WD-43 | AKILANDAPURAM | Residence |
| WD-43 | METTU STREET | Residence |
| WD-43 | MAHILVANNAPURAM | Residence |
| WD-43 | SHENBAGAM STREET | Residence |
| WD-44 | DEVIPURAM | Residence |
| WD-44 | ENNAYIRAM PILLAIYAR KOIL WEST STREET | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|---|-------------|
| | TIRUNELVELI ZONE | |
| | STREET NAME | |
| WD-44 | ENNAYIRAM PILLAIYAR KOIL EAST STREET | Residence |
| WD-44 | SAMIYA THAIKA STREET | |
| WD-44 | THADIVEERAN KOIL WEST STREET | Residence |
| WD-44 | SANKARANARAYANAN STREET | Residence |
| WD-44 | KUMARAN STREET | Residence |
| WD-44 | THADIVEERAN KOVIL WEST STREET | Residence |
| WD-44 | THADIVEERAN KOVIL EAST STREET | Residence |
| WD-44 | THADIVEERAN KOVIL STREET | Residence |
| WD-44 | KODEESHWARAN NAGAR | Residence |
| WD-44 | OTTAKOOTHER STREET | Residence |
| WD-44 | ABIRAMI NAGAR | Residence |
| WD-44 | VETHATHRI NAGAR | Residence |
| WD-44 | ABIRAMI NAGAR , R.R.J. NAGAR | Residence |
| WD-44 | VEERAVANJI NATHAN STREET | Residence |
| WD-44 | NABIGAL NAYAGAM STREET | Residence |
| WD-44 | THOTTIPALA STREET | Residence |
| WD-44 | ALADI VINAYAGAR KOIL STREET | |
| WD-44 | VELLANTHANGI PILLAIYAR KOIL STREET | Residence |
| WD-44 | NARAYANA MOORTHY LANE | Residence |
| WD-44 | CHERANMAHADEVI ROAD | Commercial |
| WD-45 | CHERANMAHADEVI ROAD 5 | Residence |
| WD-45 | SUNDARA VINAYAGAR KOVIL STREET | Residence |
| WD-45 | SELVA VINAYAGAR KOIL SOUTH STREET | Residence |
| WD-45 | SELVA VINAYAGAR KOIL NORTH STREET | Residence |
| WD-45 | ARASADI VINAYAGAR KOIL STREET | Residence |
| WD-45 | ANDALPURAM STREET | Residence |
| WD-45 | MULLIKULAM STREET | Residence |
| WD-45 | M.C.RAJA STREET | Residence |
| WD-45 | KURALOVIAM STREET | Residence |
| WD-45 | RAM NAGAR | Residence |
| WD-45 | THANTHAI PERIYAR STREET | Residence |
| WD-45 | KAMARAJAR NAGAR | |
| WD-45 | UDAIYAVAR STREET | Residence |
| WD-45 | KALUNKADI STREET | Residence |
| WD-45 | LAJAPATHY STREET | Residence |
| WD-45 | ANJANEYAR STREET | |
| WD-45 | MARUTHI STREET | |
| WD-45 | SUNDARA VINAYAGAR KOIL STREET (PADAIYATCHI STREET -2) | Residence |
| WD-45 | THIRUVALLUVAR STREET 2 | Residence |
| WD-45 | NELLAIAH PURAM EAST STREET | Residence |
| WD-45 | DR. AMBETHKAR NAGAR | |
| WD-45 | SUNDARA VINAYAGAR WEST STREET | Residence |
| WD-45 | MAHTHUM GNANIYAR PALLIVASAL EAST STREET | Residence |
| WD-45 | SUNDARA VINAYAGAR CHEKKADI STREET | Residence |
| WD-45 | SUNDARAVINAYAGAR SOUTH STREET | Residence |
| WD-45 | SUNDARA VINAYAGAR KOIL STREET (PADAIYATCHI STREET-1) | Residence |
| WD-45 | NELLAIAH PURAM STREET | Residence |
| WD-46 | VEMBADI AMMAN KOIL STREET | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|--|-------------|
| | TIRUNELVELI ZONE | |
| | STREET NAME | |
| WD-46 | THIRIPURASUNDARIAMMAN SANNATHI STREET | Residence |
| WD-46 | THIRIPURASUNDARIAMMAN KOVIL WEST STREET | Residence |
| WD-46 | VINAITHEERTHA VINAYAGAR KOVIL STREET | Residence |
| WD-46 | MADASAMI KOVIL STREET | Residence |
| WD-46 | V.V.K STREET | Residence |
| WD-46 | SANTHANA MARIAMMAL KOVIL STREET | Residence |
| WD-46 | SANTHANA MARIAMMAN KOVIL STREET | Residence |
| WD-46 | CHERANMAHADEVI ROAD | Commercial |
| WD-46 | DURGA AMMAN KOVIL STREET | Residence |
| WD-46 | ANNA THANA VINAYAGAR KOIL STREET | Residence |
| WD-46 | SANTHANAMARIAMMAN KOVIL STREET | Residence |
| WD-46 | EAST BAZAR | Residence |
| WD-46 | DURGAIAMMAN KOVIL EAST STREET | Residence |
| WD-46 | PUTHU STREET | Residence |
| WD-46 | DURGAIAMMAN WEST STREET | Residence |
| WD-46 | UTTICHINIMAHALI AMMAN KOVIL STREET | Residence |
| WD-46 | SARKARAI VINAYAGAR KOVIL STREET | Residence |
| WD-47 | MOUND ROAD | Commercial |
| WD-47 | CHERANMAHADEVI ROAD | Commercial |
| WD-47 | NARAYANASAMY KOVIL STREET | Residence |
| WD-47 | PATHRAKALI AMMAN KOVIL | Residence |
| WD-47 | PANDIYAPURAM SOUTH STREET | Residence |
| WD-47 | PANDIYAPURAM NORTH STREET | Residence |
| WD-47 | KATHER AVULIYA PALLIVASAL 1ST STREET | Residence |
| WD-47 | KATHER AVULIYA PALLIVASAL 2ND STREET | Residence |
| WD-47 | KATHER AVULIYA PALLIVASAL 3RD STREET | Residence |
| WD-47 | MOHAMED NAINAR PALLIVASAL 1ST SOUTH STREET | Residence |
| WD-47 | BANGALOW STREET | Residence |
| WD-47 | KATTAPOMMAN STREET | Residence |
| WD-47 | PUDU GRAMAM SUNDARA VINAYAGAR KOVIL SOUTH | Residence |
| WD-47 | PUDUGRAMAM SUNDARA VINAYAGAR KOVIL NORTH | Residence |
| WD-47 | VEERABAGU NAGAR | Residence |
| WD-47 | PATHRA KALI AMMAN KOVIL STREET | |
| WD-47 | POUND STREET | Residence |
| WD-47 | PASUMPON EAST STREET | |
| WD-47 | PASUMPON WEST STREET | |
| WD-47 | ASHOKAR NORTH STREET | Residence |
| WD-47 | ASHOKAR SOUTH STREET | Residence |
| WD-47 | KARUGKADU ROAD | Residence |
| WD-47 | KAKKANJI STREET | Residence |
| WD-47 | KAI VINAIGNAR STREET | Residence |
| WD-48 | RAHUMANIA PALLIVASAL WEST STREET | Residence |
| WD-48 | THIRUPPANI KARISALKULAM ANNA NAGAR | Residence |
| WD-48 | CHERANMAHADEVI ROAD NORTH EXTENTION | Residence |
| WD-48 | CHERANMAHADEVI ROAD SOUTH EXTENTION | Residence |
| WD-48 | NARASINGANALLUR TIRUVALLUVAR & INDUSTRIA | Industry |
| WD-48 | VETTAIKARAN KULAM EXTENSION | Residence |
| WD-48 | ANNANAGAR | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|--|-------------|
| | TIRUNELVELI ZONE | |
| | STREET NAME | |
| WD-48 | CHERANMAHADEVI ROAD | Commercial |
| WD-48 | NARIKURAVAR COLONY | Residence |
| WD-48 | VISWANATHA NAGAR | Residence |
| WD-48 | SASTHRI NAGAR | Residence |
| WD-48 | PUDUMANAI STREET | Residence |
| WD-48 | CHENTHAMILNAGAR | Residence |
| WD-48 | TEACHERS COLONY | Residence |
| WD-48 | NAVA NAGAR COLONY | Residence |
| WD-48 | SENTHAMIL NAGAR | Residence |
| WD-48 | GOMATHY NAGAR, PART II | Residence |
| WD-48 | THENDRAL NAGAR, PETTAI | Residence |
| WD-48 | M.G.R. NAGAR | Residence |
| WD-48 | KANTHIMATHI NAGAR | Residence |
| WD-48 | NARASINGANALLUR | Residence |
| WD-48 | R.P. 4TH NORTH STREET | Residence |
| WD-48 | RAHUMANIA PALLIVASAL SANNATHI STREET | Residence |
| WD-48 | RAHUMANIYA PALLIVASAL MELA PUDUMANAI ST | Residence |
| WD-48 | GOMATHY NAGAR PART I | Residence |
| WD-48 | T.N.H.B. COLONY | Residence |
| WD-48 | ANNA NAGAR WEST (KAMARAJAR SCHOOL BACK SIDE) | Residence |
| WD-48 | SATHYA NAGAR | Residence |
| WD-48 | RAIL NAGAR | Residence |
| WD-48 | NEHRUJI NAGAR | Residence |
| WD-48 | RAHUMANIA PALLIVASAL 1ST NORTH STREET | Residence |
| WD-48 | RAHUMANIA PALLIVASAL 2ND NORTH STREET | Residence |
| WD-48 | RAHUMANIA PALLIVASAL 3RD NORTH STREET | Residence |
| WD-48 | RAHUMANIA PALLIVASAL 4TH NORTH STREET | Residence |
| WD-48 | THIRUPPANI KARISAL KULAM | Residence |
| WD-48 | VAGAIKULAM | Residence |
| WD-49 | CHERANMAHADEVI ROAD | Commercial |
| WD-49 | PUNITHA ANTHONIYAR SOUTH STREET | Residence |
| WD-49 | PUNITHA ANTHONIYAR NORTH STREET | Residence |
| WD-49 | SAMBAPURAM STREET | Residence |
| WD-49 | SAMBAPURAM NORTH STREET | Residence |
| WD-49 | SAMBAPURAM EAST STREET | Residence |
| WD-49 | MAHDUM GNANIYAR PALLIVASAL 5TH NORTH STREET | Residence |
| WD-49 | MAHDUM GNANIYAR PALLIVASAL 4TH NORTH STREET | Residence |
| WD-49 | QUAIDE MILLATH STREET | Residence |
| WD-49 | MAHTHUM GNANIYAR PALLIVASAL 2ND NORTH STREET | Residence |
| WD-49 | MAHTHUM GNANIYAR PALLIVASAL 1ST NORTH STREET | Residence |
| WD-49 | MOHAMED NAINAR PALLIVASAL 2ND SOUTH STREET | Residence |
| WD-49 | MAHTHUM GNANIYAR PALLIVASAL SANNATHI STREET | Residence |
| WD-49 | CHERANMAHADEVI ROAD | Commercial |
| WD-49 | M.G.P.SANNATHI STREET | Residence |
| WD-49 | M.N.P.1ST NORTH ST | Residence |
| WD-49 | M.N.P.2ND NORTH STREET | Residence |
| WD-49 | MAHTHUM GNANIYAR PALLIVASAL 3rd NORTH ST | Residence |
| WD-49 | M.N.P.IIND NORTH STREET | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|--|-------------|
| | TIRUNELVELI ZONE | |
| | STREET NAME | |
| WD-49 | MOHAMED NAINAR PALLIVASAL EAST STREET | Residence |
| WD-49 | MOHAMED NAINAR PALLIVASAL SANNATHY STREET | Residence |
| WD-49 | MOHAMED NAINAR PALLIVASAL 1ST NORTH STREET | Residence |
| WD-49 | SIDDHI VINAYAGAR KOVIL STREET | Residence |
| WD-49 | PUDU KINARU STREET | Residence |
| WD-49 | MOHAMED NAINAR PALLIVASAL 2ND NORTH STREET | Residence |
| WD-49 | ODAKARAI STREET | Residence |
| WD-50 | ALAGAPPAPURAM MIDDLE STREET | Residence |
| WD-50 | NARAYANASAMI KOIL STREET NORTH | Residence |
| WD-50 | SAROJINI STREET | Residence |
| WD-50 | TENKASI ROAD | Commercial |
| WD-50 | SARTHAR PURAM EAST STREET | Residence |
| WD-50 | SARTHAR PURAM MIDDLE STREET | Residence |
| WD-50 | SARTHAR PURAM SOUTH STREET | Residence |
| WD-50 | SARTHAR PURAM NORTH STREET | Residence |
| WD-50 | NARAYANASAMY KOIL NORTH STREET | Residence |
| WD-50 | ANAVARATHA VINAYAGAR KOIL STREET | Residence |
| WD-50 | SUNDARA VINAYAGAR KOIL STREET | Residence |
| WD-50 | ALAGAPPAPURAM SOUTH STREET | Residence |
| WD-50 | SAMUGA RENGAPURAM | Residence |
| WD-50 | CHEKKADI NARAYANASAMY KOIL STREET | Residence |
| WD-50 | KANNIVINAYAGAR KOIL NORTH STREET | Residence |
| WD-50 | NARAYANASAMI KOVIL WEST STREET | Residence |
| WD-50 | INDHIRA NAGAR | Residence |
| WD-50 | GANDHINAGAR STREET | Residence |
| WD-50 | KOLLAR MIDDLE STREET | Residence |
| WD-50 | GANDHI NAGAR B COLONY | Residence |
| WD-50 | SHEIK MADHAR COLONY | Residence |
| WD-50 | GANDHI NAGAR | Residence |
| WD-50 | ANNAI INDRA STREET | Residence |
| WD-50 | KARUVELANGUNDU STREET | Residence |
| WD-50 | NELLIAIAH PURAM | Residence |
| WD-50 | KANNI VINAYAGAR KOVIL SOUTH STREET | Residence |
| WD-50 | SHAMUGARENGAIYAN KATTALAI STREET | Residence |
| WD-50 | GANTHI NAGAR 2ND STREET | Residence |
| WD-50 | C.S.S. NAGAR | Residence |
| WD-50 | GANDHI NAGARSOUTH | Residence |
| WD-50 | GANTHI NAGAR 6TH STREET | Residence |
| WD-50 | GANTHI NAGAR 4TH STREET | Residence |
| WD-50 | M.S.K. NAGAR | Residence |
| WD-50 | ANAVARATHA SUNDARAVINAYAGAR KOIL STREET | Residence |
| WD-50 | GANTHI NAGAR 5TH STREET | Residence |
| WD-50 | GANTHI NAGAR 1ST STREET | Residence |
| WD-50 | I.O.B. COLONY | Residence |
| WD-50 | GANTHI NAGAR 3RD CROSS STREET | Residence |
| WD-50 | GANDHI NAGAR 3RD STREET | Residence |
| WD-50 | SHIEK MATHAR NAGAR | Residence |
| WD-50 | GANTHINAGAR 8TH STREET | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|---|-------------|
| | TIRUNELVELI ZONE | |
| | STREET NAME | |
| WD-50 | GANTHINAGAR 7TH STREET | Residence |
| WD-50 | NEDUNGULAM | Residence |
| WD-50 | ANAVARATHA SUNDARAVINAYAGAR SOUTH STREET | Residence |
| WD-50 | NIYAZ COLONY | Residence |
| WD-50 | A.S.V.KOVIL NORTH STREET | Residence |
| WD-50 | I.O.B.COLONY | Residence |
| WD-50 | KANNI VINAYAGAR STREET | Residence |
| WD-50 | SAMUGARENGAIAN KATTALAI | Residence |
| WD-50 | SAMUGARENGAIYAN KATTALAI | Residence |
| WD-50 | SHEIK MADHAR NAGAR | Residence |
| WD-50 | SHIEKMADAR NAGAR | Residence |
| WD-50 | VANIYAR NORTH STREET | Residence |
| WD-50 | AMBEDKAR COLONY | Residence |
| WD-50 | KANNIVINAYAGAR KOIL STREET | Residence |
| WD-50 | VANIYAR SOUTH STREET | Residence |
| WD-50 | NARAYANASAMY KOVIL NORTH ST SOUTH LINE | Residence |
| WD-50 | AMBETHKAR NAGAR | Residence |
| WD-50 | KANDIYAPERI B.7 NEDUNKULAMPILLAIYANKATTALAI | Residence |
| WD-50 | KANDIYAPERI B.6 GANDHINAGAR&SHEIKMATHAR NAGAR | Residence |
| WD-50 | VETNARY HOUSING BOARD | Residence |
| WD-50 | ANAVARATH VINAYAGAR CINNA ST. | Residence |
| WD-50 | SARTHARPURAM WEST STREET | Residence |
| WD-50 | PULIYANGUDI NARAYANASAMI KOIL STREET | Residence |
| WD-50 | NARAYANASAMI KOIL STREET | Residence |
| WD-50 | CHEKKADI VINAYAGAR KOIL STREET | Residence |
| WD-50 | KANDIAPERI AMBETHKAR NAGAR | Residence |
| WD-51 | KANMIYAN PALLIVASAL STREET | Residence |
| WD-51 | MOHAMED ALI STREET | Residence |
| WD-51 | SAILAPPAR STREET | Residence |
| WD-51 | BALAKRISHNAN EAST STREET | Residence |
| WD-51 | MADHA MELA STREET | Residence |
| WD-51 | JAWAHARLAL STREET | Residence |
| WD-51 | WEST MOUNT ROAD | Residence |
| WD-51 | MELA MOUNT ROAD | Residence |
| WD-51 | KRISHNAPERI VISTHARIPU | Residence |
| WD-51 | PARVATHA SINGA RAJA STREET-51 | Mixed |
| WD-51 | PERIYA SAMY KOIL STREET | Residence |
| WD-51 | THIRUVALLUVAR STREET | Residence |
| WD-51 | NIYAZ COLONY | Residence |
| WD-51 | KRISHNAPERI | Residence |
| WD-51 | ANNAI VELANKANNI NAGAR | Residence |
| WD-51 | KRISHNAPERI THOPPU STREET | Residence |
| WD-51 | KRISHNAPERI MUSLIM STREET | Residence |
| WD-51 | KARAIYADI PATCHERI | Residence |
| WD-51 | LALUKAPURAM WEST STREET | Residence |
| WD-51 | LALUKAPURAM EAST STREET | Residence |
| WD-51 | JEYAPRAKASH STREET | Residence |
| WD-51 | BAHAVATH SINGH STREET | Residence |

| WARD NO. | TIRUNELVELI CORPORATION | Res/Com/Mix |
|----------|--------------------------------------|-------------|
| | TIRUNELVELI ZONE | |
| | STREET NAME | |
| WD-52 | AZADH ROAD | Mixed |
| WD-52 | JAMIYA PALLIVASAL STREET | Residence |
| WD-52 | ELUSILAI VINAYAGAR KOVIL STREET | Residence |
| WD-52 | VENUVANA KUMARAR STREET | Residence |
| WD-52 | MADHA SOUTH WEST STREET | Residence |
| WD-52 | MADHA MIDDLE STREET | Residence |
| WD-52 | PARVATHA SINGA RAJA STREET-52 | Mixed |
| WD-52 | AZAD ROAD | Residence |
| WD-52 | PERIYASAMY KOVIL STREET | Residence |
| WD-52 | SIKKANTHARPURAM WEST STREET | Residence |
| WD-52 | SIKKANTHARPURAM STREET | Residence |
| WD-52 | JAWAHARLAL STREET 1 | Residence |
| WD-52 | MADHAPOONGODI STREET | Residence |
| WD-52 | MADHA SANNATHI STREET | Residence |
| WD-52 | MOHAMED MUSTAFA STREET | Residence |
| WD-52 | BASKARAR STREET | Residence |
| WD-52 | KANTHIMATHI STREET | Residence |
| WD-53 | MIDDLE STREET | Residence |
| WD-53 | JAWAHARLAL STREET 2 | Residence |
| WD-53 | THANDIYAL SAVADI STREET | Residence |
| WD-53 | KOLLAKADAI STREET | Commercial |
| WD-53 | SAVANAYANAR STREET | |
| WD-53 | PUGALENTI STREET | Residence |
| WD-53 | VALLALAR STREET | Residence |
| WD-53 | THAIYALKARAR STREET (ANJUGAM STREET) | Residence |
| WD-53 | SAMPANTHAR STREET | Residence |
| WD-53 | VEMBADI STREET | Residence |
| WD-53 | CHERANMAHADEVI ROAD 2 | Commercial |
| WD-53 | BIG STREET | Residence |

SAFETY MEASURES FOR PIPELAYING–SAMPLE TEMPLATE

| Type of Road | Average width (m) | Max. Pipe dia (mm) | Max. width of actual excavation (mm) | Method of excavation | Working Width from One Edge (m) | Length of single working stretch (m) | Method of Traffic Management | Remarks |
|--------------|-------------------|--------------------|--------------------------------------|--------------------------|---------------------------------|--------------------------------------|---|---|
| Bituminous | 5 | 300 | 700 | Mechanical (mini digger) | 2 | 200 | Flagmen at both ends plus no parking sign for 100m on either end | Night time working may be opted at busy sections with prior permission, stake holder consultation and noise control measures. |
| | 6 | -do- | -do- | -do- | -do- | -do- | -do- | -do- |
| | 7.5 | -do- | -do- | -do- | -do- | -do- | -do- | -do- |
| Concrete | 2 | 100 | 250 | Manual | 0.5 | 50 | Flagmen at both ends. Only pedestrian traffic will be allowed. | -do- |
| | 3 | 100 | 250 | Manual | 1 | 50 | -do- | -do- |
| | 4 | 150 | 350 | Manual | 1 | 100 | Flagmen at both ends. Pedestrian traffic can be allowed during works. Vehicles will be allowed after day's work by covering the trench with steel plates. | -do- |
| | 5 | 150 | 350 | Mechanical | 2 | 200 | Flagmen at both ends plus no parking sign for 100m on either end | -do- |
| | 6 | 200 | 500 | Mechanical | 2 | 200 | -do- | -do- |
| Tiles | 2 | 50 | 150 | Manual | 0.5 | 50 | Flagmen at both ends. Only pedestrian traffic will be allowed. | -do- |
| | 3 | 100 | 250 | Manual | 0.5 | 50 | -do- | -do- |
| Earthen road | 1 | 50 | 150 | Manual | 0.5 | 50 | Controlled by general operative. Only pedestrian traffic will be allowed. | -do- |
| | 2 | 50 | 150 | Manual | 0.5 | 50 | -do- | -do- |




Notes:

- (i) Works will be carried out with due intimation to ULB/PWD and after stakeholder consultations
- (ii) All service providers (electricity, telecom, OFC, cable TV, gas etc.) shall be notified and consulted well in advance to identify bottlenecks and possible solutions.
- (iii) Reinstatement will be carried out in two phases – temporary and final.
- (iv) Special festival, business (local bazar) etc. days will be strictly followed and works causing disturbance will not be carried out on those days.
- (v) No drainage channel shall be disturbed/stopped during construction works. Any drain affected by construction works shall be set right as early as possible and definitely before onset of monsoon.
- (vi) The pedestrian area shall be always kept free from debris / trip hazard
- (vii) Environmental Management Plan (EMP) shall be strictly followed for all works and also dealing with any asbestos cement pipes.
- (viii) Land contamination, if encountered, shall be immediately brought to the notice of the PIU/PMU and remedial measures shall be taken as advised. Disposal of contaminated earth shall be as advised by the PIU/PMU experts.
- (ix) Night time work, if any, shall be carried out after due authorization with adequate safety and security measures. Acoustic hood shall be used on equipment to reduce noise pollution.

SITE VISITS AND CONSULTATIONS

Phase-I Area Site Photos

| SITE PHOTOS – TIRUNELVELI | |
|---|--|
|  |  |
| Proposed LS-7 at Azhaganeri | Proposed LS-8 at Senthimanagalam |
|  |  |
| Proposed LS-9 at Sindhupoonthurai | Proposed LS-10 at Kailasapuram |
|  |  |
| Proposed LS-11 at Meenakshipuram | Existing STP at Ramayanpatti |

| SITE PHOTOS – TIRUNELVELI | |
|---|--|
|  |  |
| Proposed PS-1 near Slaughter House | Existing PS-2 at Nainarkulam |
|  |  |
| Proposed LS-1 Srinivasa Nagar | Proposed LS-2 at Sathya Nagar |
|  |  |
| Proposed LS-3 at Kattabomman Street | Proposed LS-4 at Ambedkar Nagar |
|  |  |
| Proposed LS-5 at Karuppanthurai | Proposed LS-6 at Karaiyiruppu |

Consultations during Transect Walks (Phase-I Area), August 2017

| | Type of Business | Years in Business at Surveyed Place | Type of Structure | Caste Category | WHH | Monthly Income |
|----|---------------------------|-------------------------------------|------------------------|----------------|-----|----------------|
| 1 | Tea and snacks | 35 | Kiosk | OBC | - | 9,000 |
| 2 | Sugarcane juice stall | 10 | Movable, not on wheels | OBC | - | 2,000 |
| 3 | | 4 | No structure, on road | General | - | 5,000 |
| 4 | Sugarcane juice stall | 15 | Movable, not on wheels | OBC | - | 5,000 |
| 5 | Sugarcane juice stall | 25 | Movable, not on wheels | OBC | - | 4,000 |
| 6 | Sugarcane juice stall | 35 | Movable, not on wheels | OBC | - | 5,000 |
| 7 | Ragi porridge stall | 5 | Movable Cart | OBC | - | 5,000 |
| 8 | Helmets | 12 | Movable Cart | OBC | - | 4,000 |
| 9 | Sugarcane juice stall | 10 | Movable, not on wheels | OBC | - | 5,000 |
| 10 | Tea, snacks & cool drinks | 8 | Kiosk | General | - | 2,000 |
| 11 | Sugarcane juice stall | 25 | Movable, not on wheels | OBC | - | 4,000 |
| 12 | Fruits | 15 | Movable Cart | OBC | - | 5,000 |
| 13 | Tyre shop | 40 | No structure, on road | OBC | - | 12,000 |
| 14 | Tyre shop | 10 | No structure, on road | SC | - | 5,000 |
| 15 | Tyre shop | 4 | No structure, on road | OBC | - | 7,000 |
| 16 | Tyre shop | 5 | No structure, on road | OBC | - | 10,000 |
| 17 | Tea and snacks | 30 | Movable Cart | OBC | - | 3,000 |

WHH = women headed household

| Location | No. of Participants | Participants | Topics Discussed | Issues Raised |
|---|-------------------------|--|--|---|
| All above affected persons were identified at SN High Road (Phase II) | Total=17 M=17 F=0 | PPTA Team, TMC officials, TWAD officials | <ul style="list-style-type: none"> Issues related to open defecation, disposal of sewage and wastewater into roadside drains eventually polluting the natural streams and rivers; its health impacts Need for comprehensive underground drainage system in the city; Area covered by the project; Disturbance in traffic movement and to businesses during construction work; Assistance will be provided in continuing affected businesses at different location; No structure loss Compensation for lost income, if any | <ul style="list-style-type: none"> Delay in construction work Proper access provision to permanent shop/houses/structures Indicated willingness to shift to other locations. |

FGD = focus group discussion, PPTA = project preparatory technical assistance, ROW = right-of-way, TMC = Tirunelveli Municipal Corporation, TWAD = Tamil Nadu Water Supply and Drainage.

Potential Impacts – Tirunelveli Phase-II Area¹



¹Mobile hawkers (having carts with wheels) will not be affected. Some structures including wares on display, will require assistance for shifting.



Proposed Sewer Network Street Photos – Tirunelveli





Note: The DMS survey during detailed design will confirm whether any of the potential impacts identified can be avoided, whether there are any additional temporary impacts and how many will require shifting assistance.

LAND DETAILS

Phase II

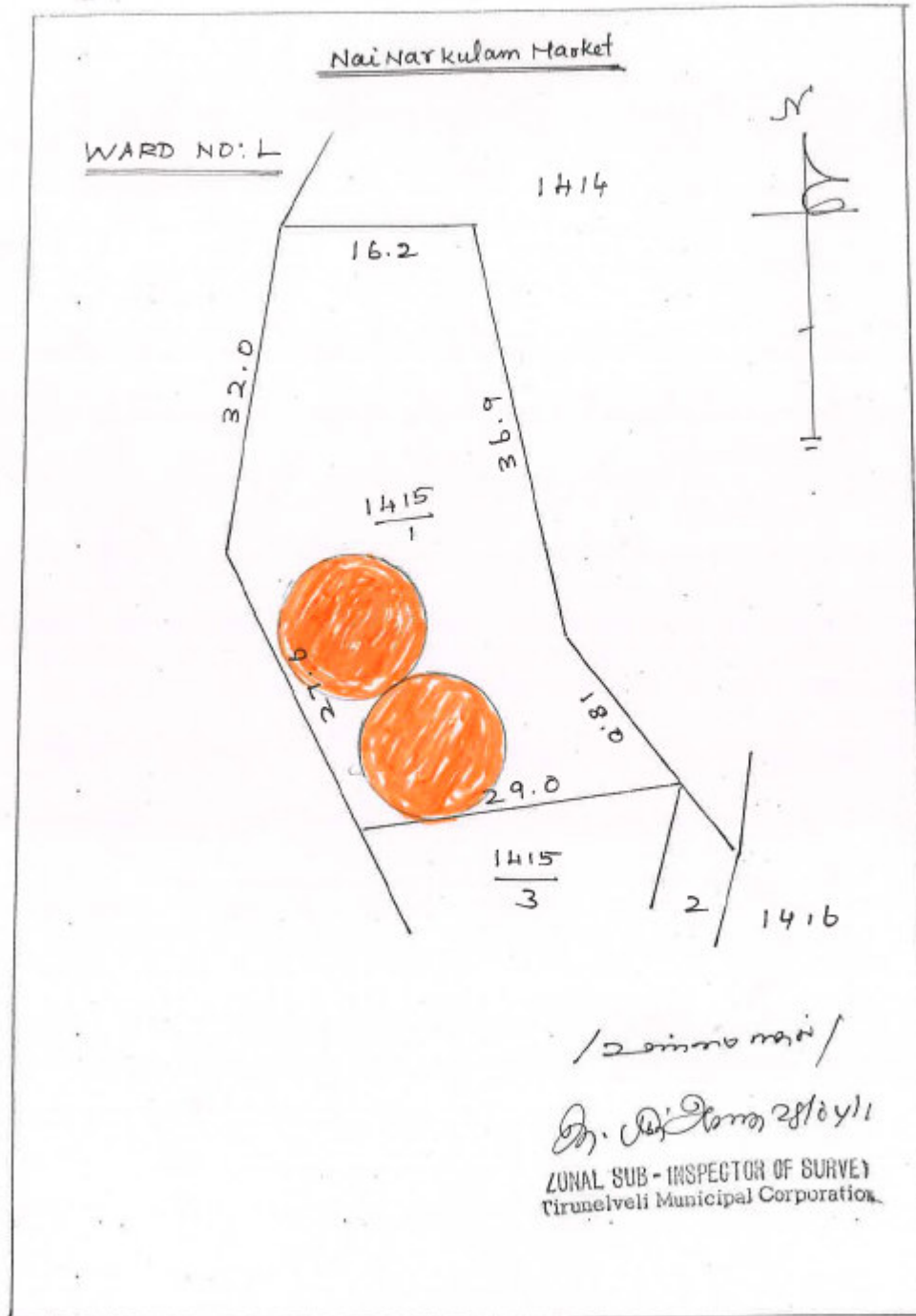
| (LS/P S) | Ward | Block | TS No. | Land | Location | | Ownership | Classification | Available (m ²) | Required | Modules (m ²) | Pathways (m ²) | Green Belts (m ²) |
|----------|------|-------|--------|-----------------|--------------------------------------|---------------------------------|-------------------------|---------------------|-----------------------------|----------|---------------------------|----------------------------|-------------------------------|
| PS 1 | AC | 1 | 7 | Vacant Land | Ward AC, Block 1, TS No. No. 7 | Slaughter House | Tirunelveli Corporation | Dump Site | 6650 | 3500 | 277 | 317 | 1638 |
| PS 2 | AJ | 19 | 1415/1 | Pumping Station | Ward AJ, Block 19, TS No. No. 1415/1 | Nainarkulam | Tirunelveli Corporation | Pumping Station | 1335 | 146 | 146 | | |
| LS 1 | T | 5 | 304/1 | Govt.Waste Land | Ward T, Block 5, TS No. No. 304/1 | Srinivasa Nagar | Tirunelveli Corporation | Urban Land Ceiling | 3150 | 303 | 19 | 7.3 | 173 |
| LS 2 | U | 4 | 109/2 | Govt.Waste Land | Ward U, Block 4, TS No. No. 109/2 | Sathya Nagar | Slum Clearance Board | Govt. excess land | 3800 | 225 | 19 | 7.7 | 157 |
| LS 3 | W | 11 | 1672 | Govt.Waste Land | Ward W, Block 11, TS No. No. 1672 | Kattabomman St. | Tirunelveli Corporation | Water Tank / Toilet | 123 | 123 | 19 | 5.7 | 39 |
| LS 4 | AC | 2 | 107 | Govt.Waste Land | Ward AC, Block 2, TS No. No. 107 | Pettai Thiruthu, Ambedkar Nagar | Tirunelveli Corporation | Public Toilet | 600 | 264 | 19 | 7.3 | 156 |
| LS 5 | AM | 5 | 59 | Govt.Waste Land | Ward AM, Block 5, TS No. No. 59 | Karuppanthurai | PWD | Tamirabarani River | | 100 | 19 | 7.7 | 4 |
| LS 6 | B | 11 | 40 | Govt.Waste Land | Ward B, Block 11, TS No. No. 40 | Karaiyiruppu | Revenue Land | Vacant Land | 57 | 10 | 10 | | |
| LS 7 | C | 6 | 151 | Govt.Waste Land | Ward C, Block 6, TS No. No. 151 | Azhaganeri | Revenue Land | Peedam | 48 | 10 | 10 | | |
| LS 8 | D | 1 | 42/1,2 | Govt.Waste Land | Ward D, Block 1, TS No. No. 42/1,2 | Senthimangalam | Tirunelveli Corporation | Thoppu (Path Way) | | | | | |
| LS 9 | J | 2 | 46 | Govt.Waste Land | Ward J, Block 2, TS No. No. 46 | Sindhupoonthurai | Tirunelveli Corporation | Cremation Ground | 1214 | 150 | 19 | 6 | 8 |
| LS 10 | J | 1 | 2/1B | Govt.Waste Land | Ward J, Block 1, TS No. No. 2/1B | Kailasapuram | PWD | Road | | | | | |
| LS 11 | AJ | 9 | 803 | Govt.Waste Land | Ward AJ, Block 9, TS No. No. 803 | Meenakshipuram | PWD | Tamirabarani River | | 10mx10 m | 19 | 7.7 | 4 |

Source: TMC

Note: This table provides summary translation of the land records.

மாவட்டம் - திருநெல்வேலி
வட்டம் - திருநெல்வேலி

நகரம் - திருநெல்வேலி
வார்டு Aசு பிளாக் 19 T.S. No. 1415/1



(PS3 - Main calculation)
Eishy!

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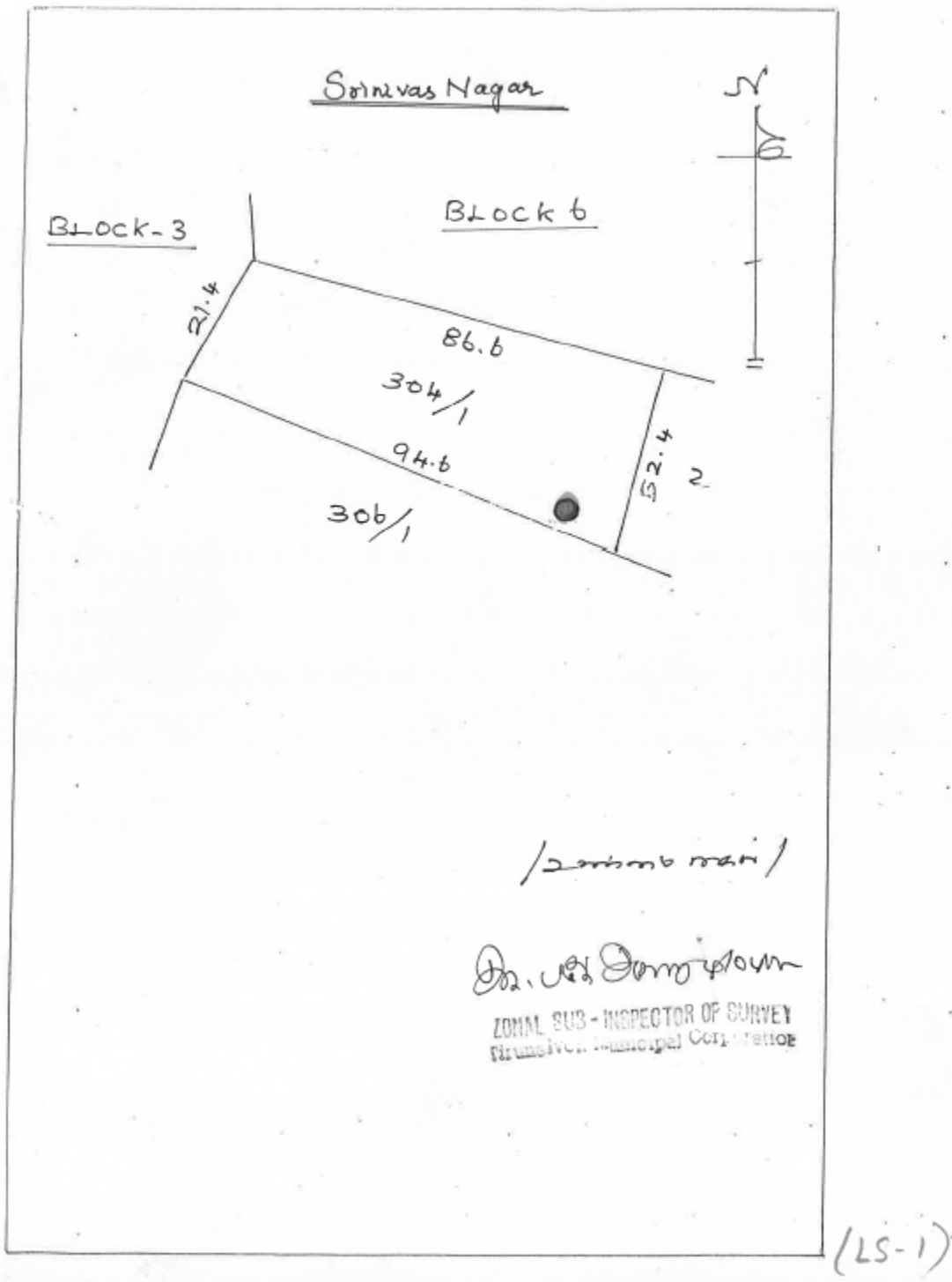
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வார்டு - பிளாக் 5 T.S. No. 304



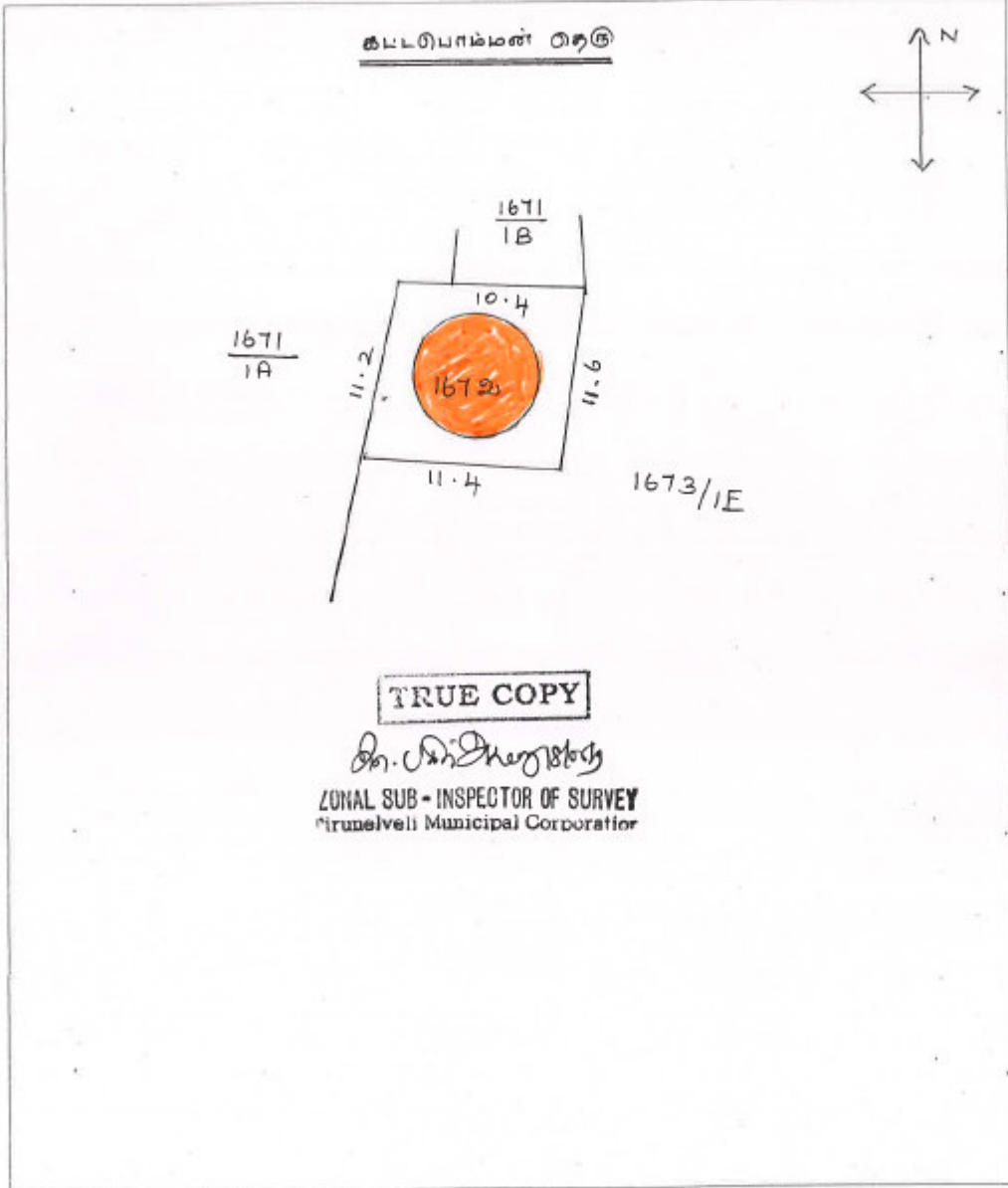
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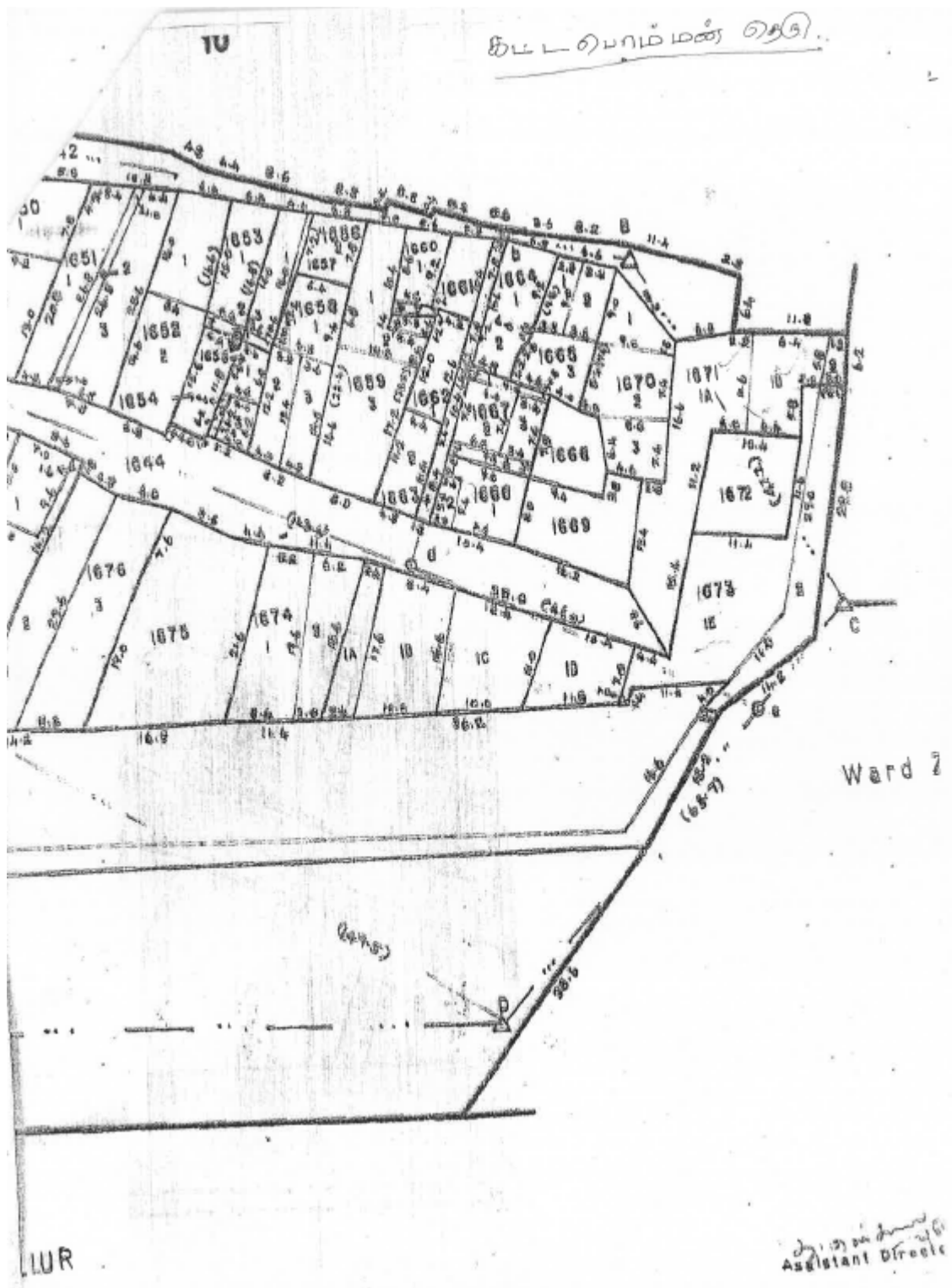
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(LS3)



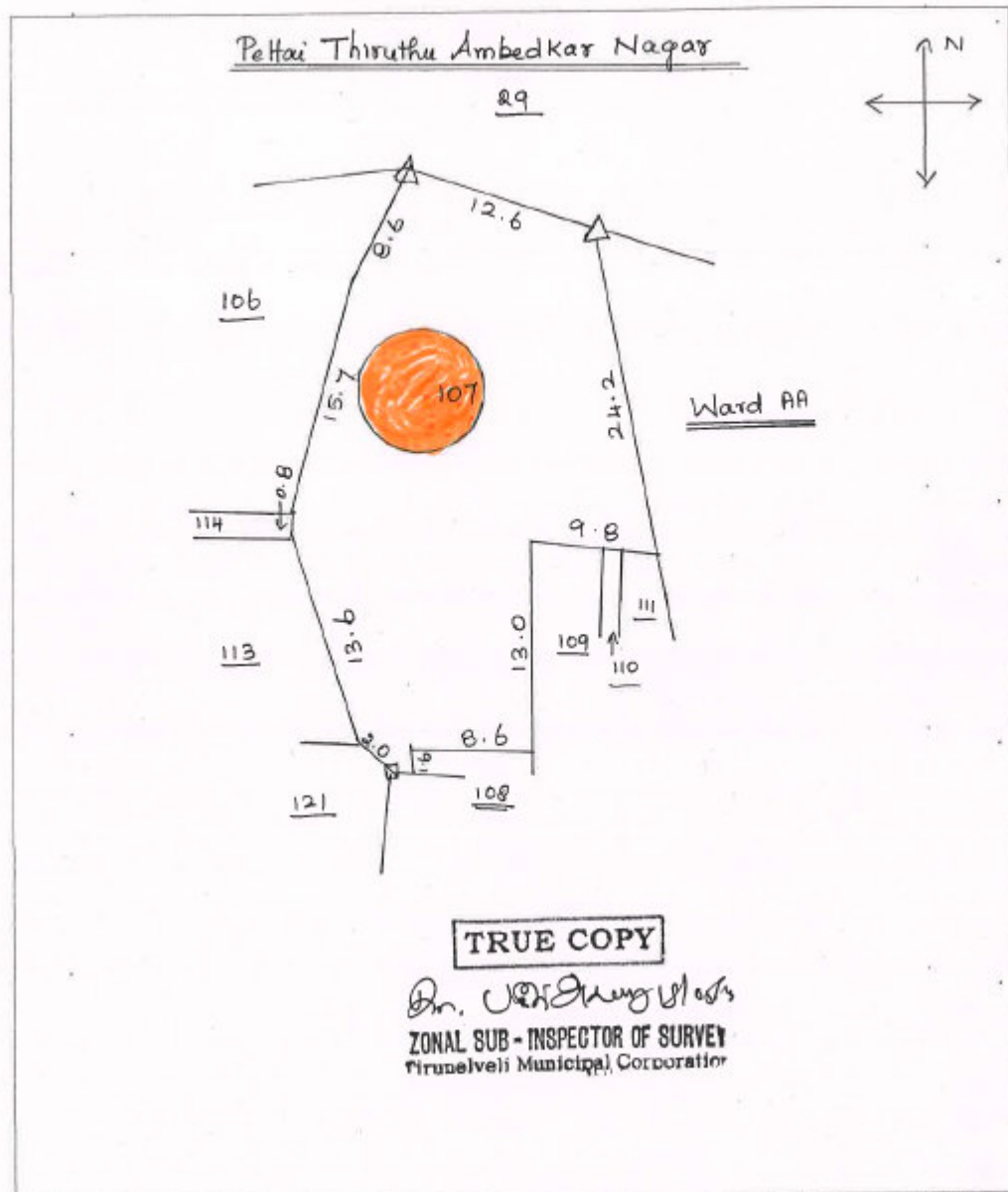
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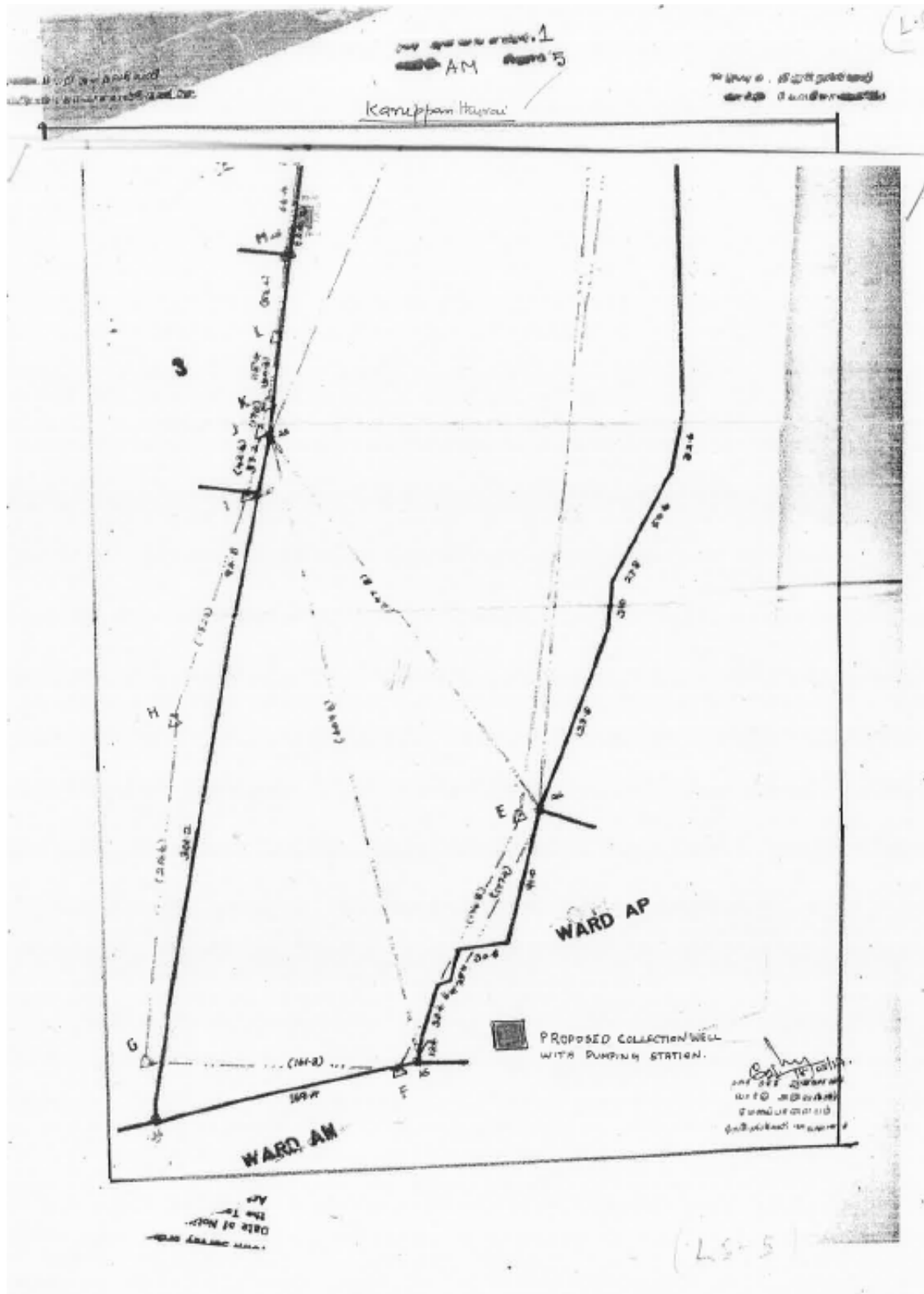
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T.S. NO: 107



(LS-4)



TOWN SURVEY

உயர் சாலை

| Number | | Name | Address | City | State | Zip | Remarks |
|--------|-----|------|---------|------|-------|-----|---------|
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REGISTER

අනුබලය

| Excerpt by Town Survey, பட்டண அளவீடு விவரங்கள். | | Assessment தீர்மானம் | No. of the same owner, numbered and name of the registered holder பட்டண அளவீடு செய்துள்ள தனக்கீழ் உள்ள பிள்ளைகளின் பெயர்கள். | | How the holding is used இது எவ்வாறு பயன்படுத்தப்படுகிறது. | Remarks குறிப்பு. |
|--|---|-------------------------|---|-------------------------|--|---|
| Area (Hectares) அளவு (ஹெக்டேர்) | Survey Area (Hectares) அளவு (ஹெக்டேர்) | Assessment தீர்மானம் | Municipal Revenue பட்டண அளவீடு | Assessment தீர்மானம் | C.2 | C.2 |
| 25.9050 | | | | தாமிரவரணி நதி | தாமிரவரணி நதி | தாமிரவரணி நதி |
| | | | | | | 2. அண்ணாநகர் |
| | | | | | | பெ. அண்ணாநகர் பெ. அண்ணாநகர் பெ. அண்ணாநகர் |

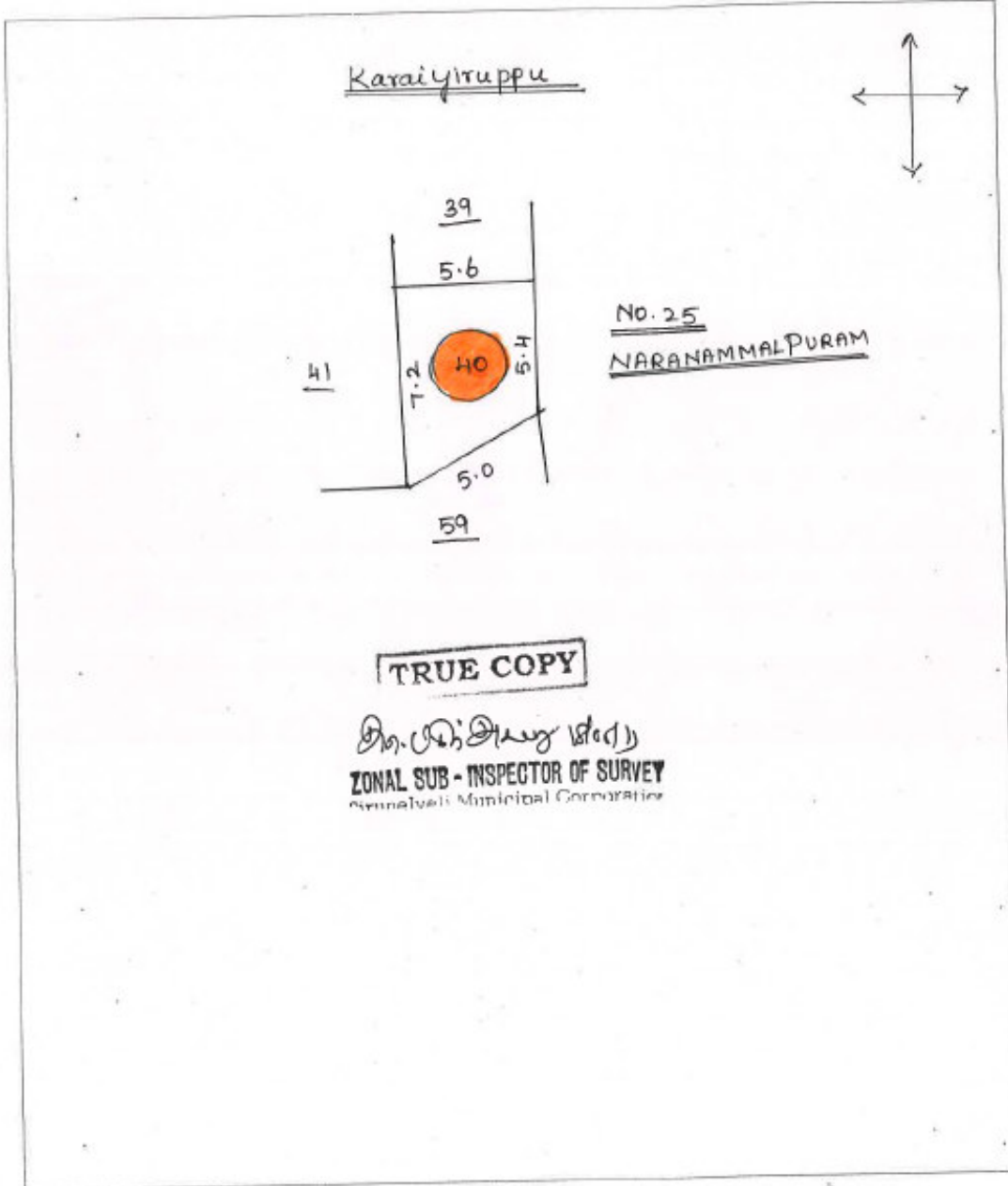
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நகரம் : திருநெல்வேலி

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T.S. NO: 40



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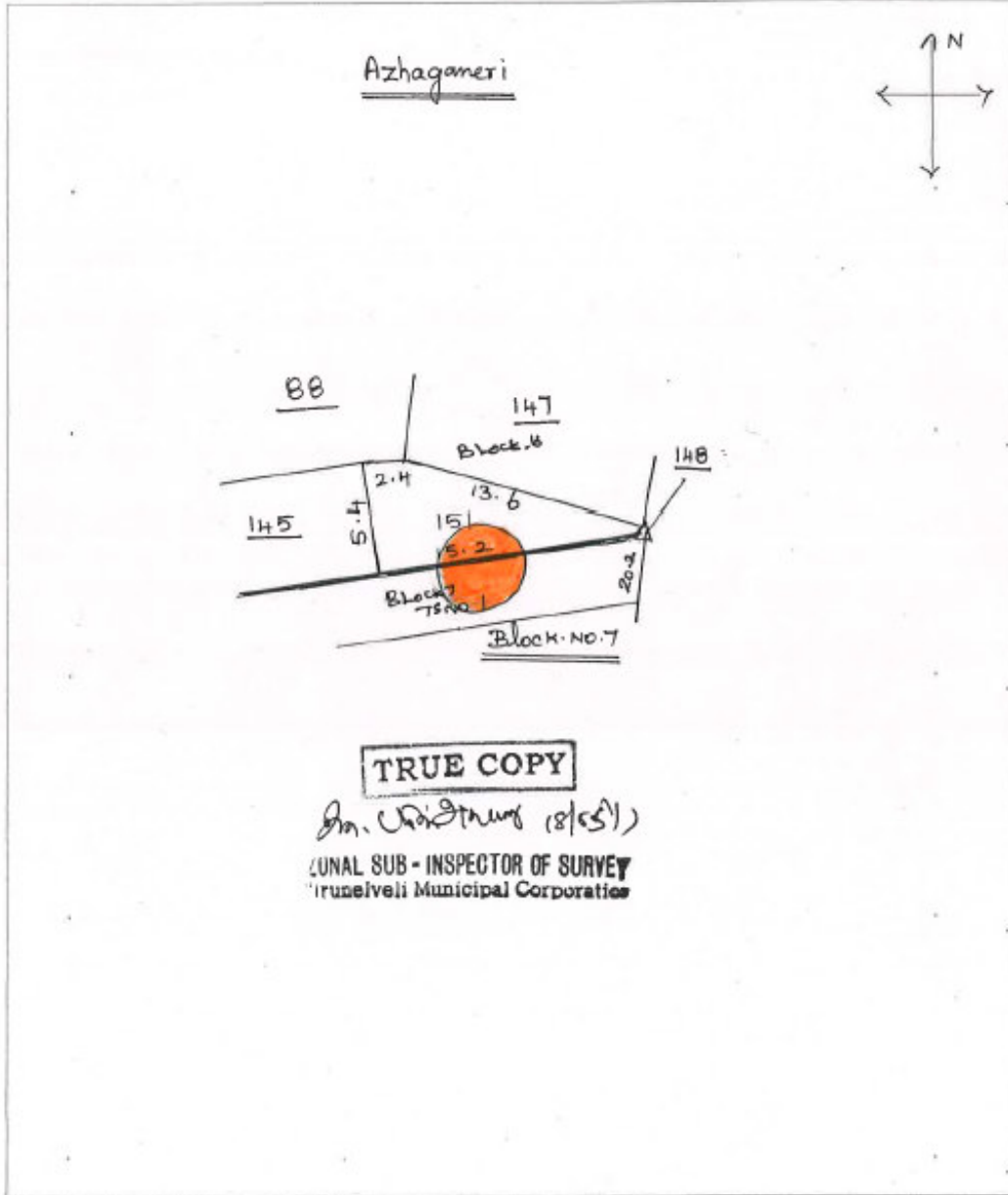
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T.S. NO: 151



(LS-7
Azhageri)

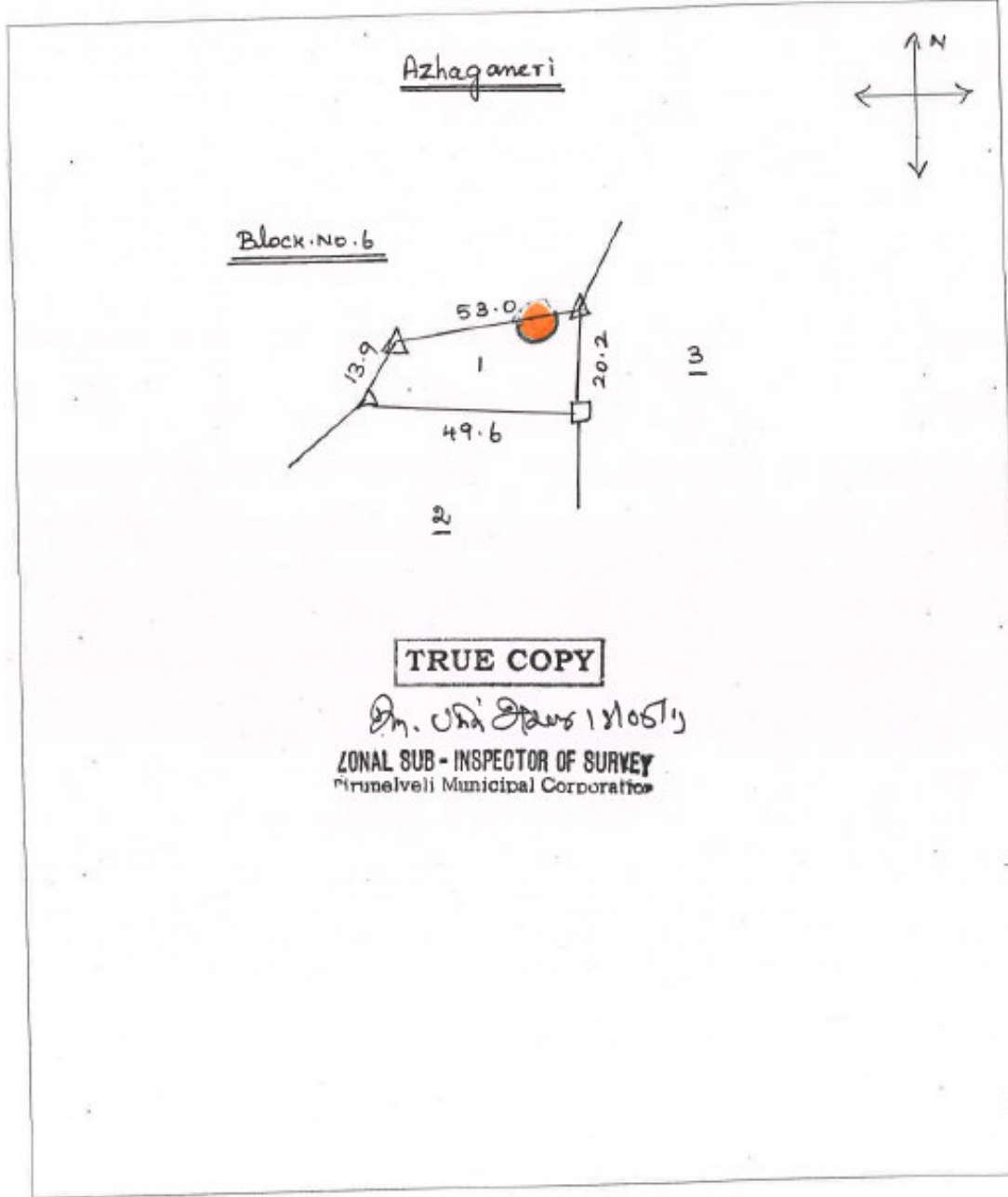
மாவட்டம் : திருநெல்வேலி

நகரம் : திருநெல்வேலி

வட்டம் : திருநெல்வேலி

வார்டு : C பிளாக் : 7

T.S. NO: 1



வட்டம் - திருநெல்வேலி

TOWN SURVEY

| Name of locality or street பெயர் அல்லது தெரு பெயர் | | Number புள்ளி | Rate per acre/hectare ஒரே ஏக்கருக்கு ரூ. (₹) |
|---|---|----------------------|--|
| (1) | (2) | (3) | (4) |
| | Survey field அளவு தரப் பட்ட நிலம் | Subdivision பகுதி | |
| | Old survey number and letter பழைய அளவு தரப் பட்ட எண் | | |
| | Municipal door number பேரவையின் கதவு எண் | | |
| | Government, Milita, Zamin, Jain சர்க்கார், இராணுவம், ஜைனம், சமணம் | | |
| | Dr. Venkateswara Temple, Hindu site டாக்டர் வெங்கடேசுவரர் கோயில், ஹிந்து இடம் | | |
| | Source of irrigation and class நீர்வாங்குதல் மூலம் மற்றும் வகை | | |
| | If double crop, rate of cultivation இரண்டு தடவை பயிரிடும்பட்சம் வகை | | |
| | Class and sort of soil பகுதி மற்றும் மண் வகை | | |
| | Taxam தரம் | | |
| | Rupases ரூபாய் | | |
| | Paise பைசா | | |

ரிஜிஸ்டர்.

வார்டு C - நெருக்க 7 T.S. No 1

[illegible]

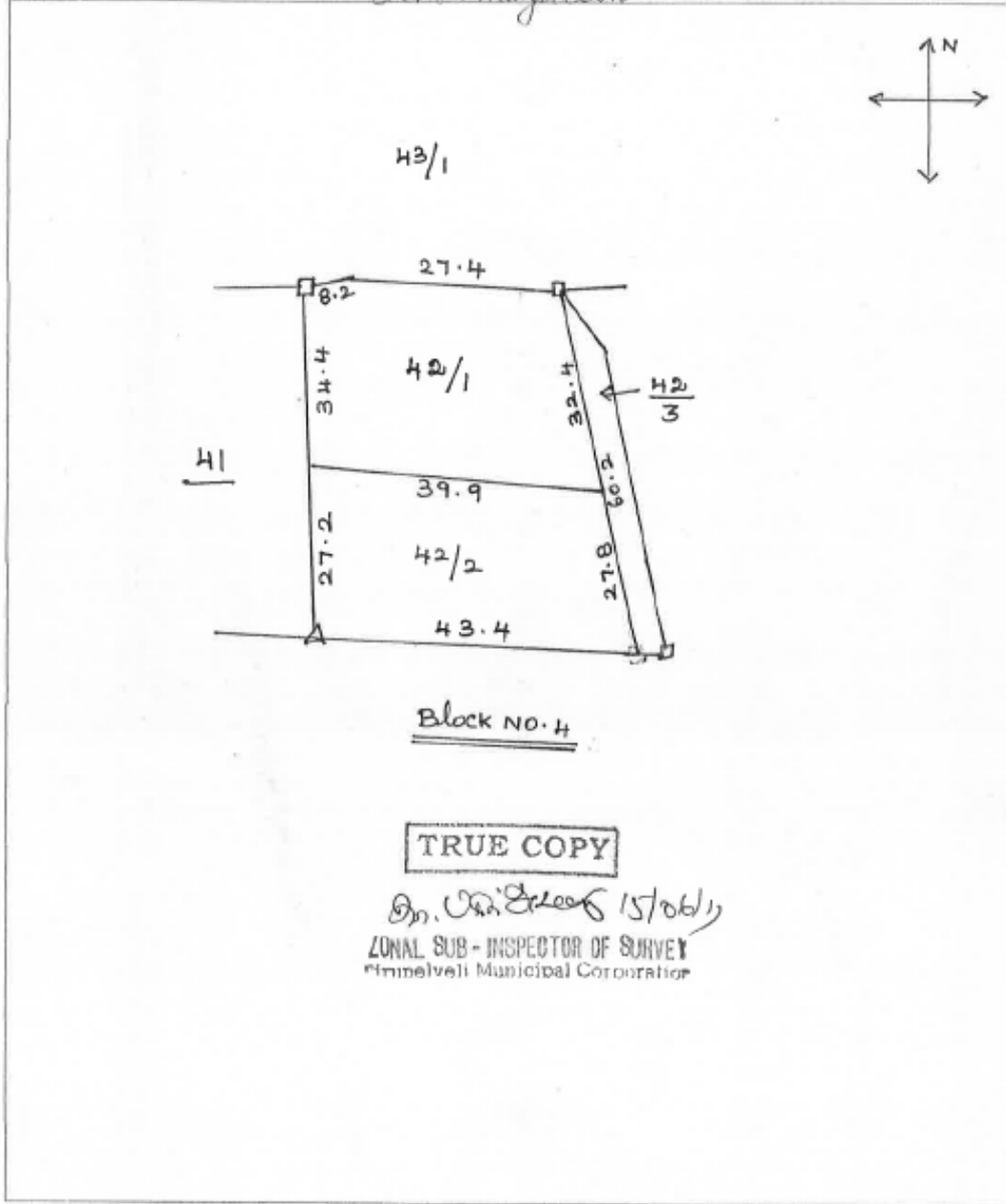
மாவட்டம் : திருநெல்வேலி

நகரம் : திருநெல்வேலி

வட்டம் : திருநெல்வேலி

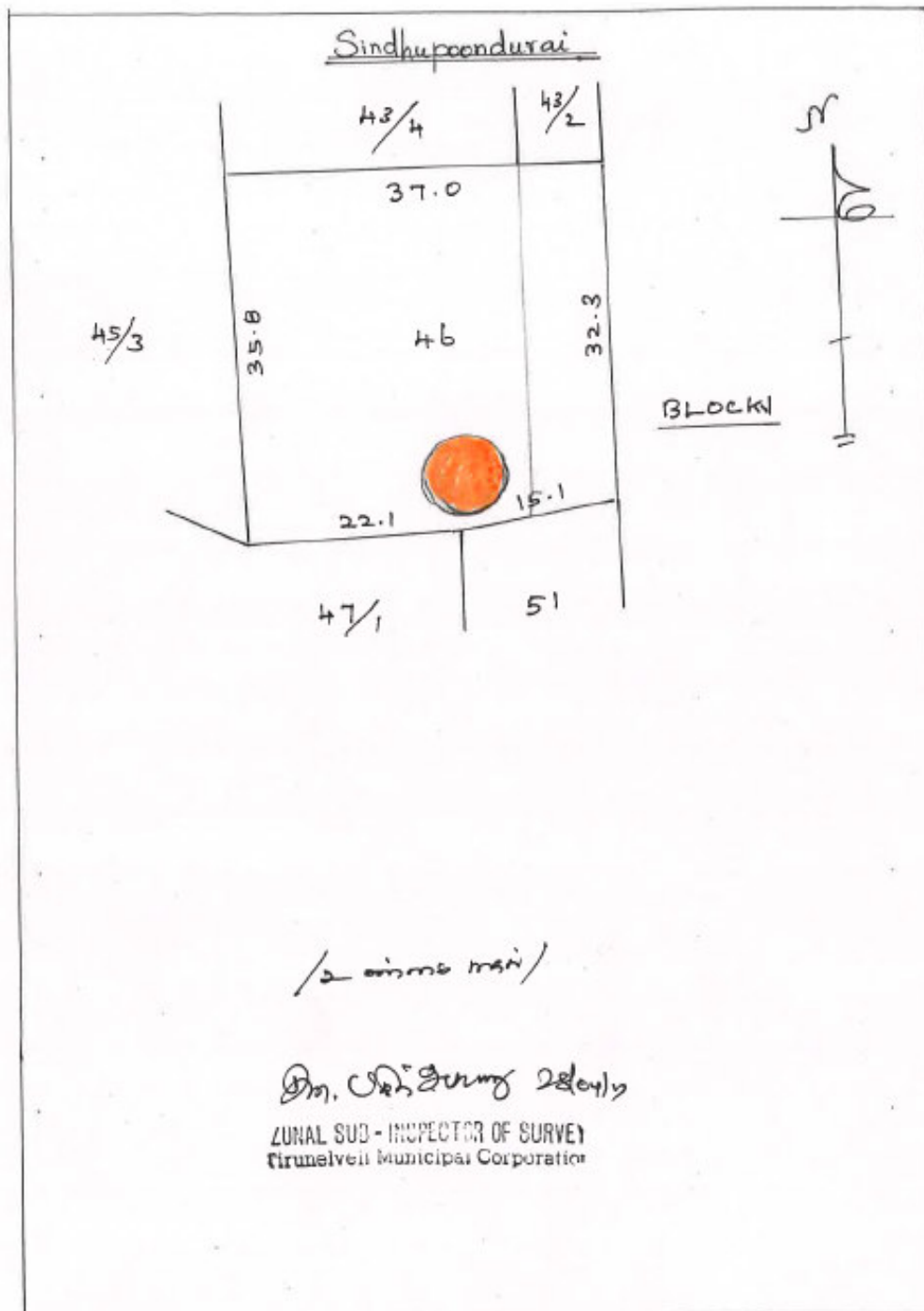
வார்டு : ௨ பிளாக் : ௪

T.S. NO: 42/1,2
Senthimayalam



வார்ப்பு - திருவெருடையணி

நகரம் - திருநெல்வேலி
வார்டு - மினாக்க 2 T.S. No 46.



வட்டம் : திருநெல்வேலி

வார்டு : A5 பிளாக் : 9

Block No. 5

Block
No. 4

Block No. 6

১০২

803

TRUE COPY

An. U D J Guey 18/06/17
ZONAL SUB-INSPECTOR OF SURVEY
Tirunelveli Municipal Corporation

(LS-11)
River

PROPOSED STRUCTURE OF SUBPROJECT INFORMATION DISCLOSURE LEAFLET

Up to 2-3 pages maximum.

| Subproject Information | Description |
|---|-------------|
| Name of the subproject, Executing agency/Implementing Agency and city | |
| Proposed subproject technical details and project benefits | |
| Summary of subproject impacts | |
| Compensation and entitlements | |
| Resettlement Plan (Resettlement Plan) budget | |
| Resettlement Plan implementation schedule | |
| Consultation and disclosure requirements | |
| Implementation structure and GRM information | |
| Contact numbers of CMSC, PIU, PMU | |

CMSC = construction management and supervision consultant, GRM = grievance redress mechanism, PIU = project implementation unit, PMU = project management unit

Attach list of affected persons and Entitlement Matrix to this leaflet.

SAMPLE GRIEVANCE REGISTRATION FORM

(To be available in Tamil and English)

The _____ Project welcomes complaints, suggestions, queries, and comments regarding project implementation. We encourage persons with grievance to provide their name and contact information to enable us to get in touch with you for clarification and feedback.

Should you choose to include your personal details but want that information to remain confidential, please inform us by writing/typing *(CONFIDENTIAL)* above your name. Thank you.

| | | | | | |
|--|------------------------------|---------------------|--------------------|------------|--|
| Date | Place of registration | Project Town | | | |
| | | Project: | | | |
| Contact information/personal details | | | | | |
| Name | | Gender | * Male * Female | Age | |
| Home address | | | | | |
| Place | | | | | |
| Phone no. | | | | | |
| E-mail | | | | | |
| Complaint/suggestion/comment/question Please provide the details (who, what, where, and how) of your grievance below: | | | | | |
| | | | | | |
| If included as attachment/note/letter, please tick here: | | | | | |
| How do you want us to reach you for feedback or update on your comment/grievance? | | | | | |
| | | | | | |

FOR OFFICIAL USE ONLY

| | |
|---|-----------|
| Registered by: (Name of official registering grievance) | |
| | |
| Mode of communication: Note/letter E-mail Verbal/telephonic | |
| Reviewed by: (Names/positions of officials reviewing grievance) | |
| | |
| Action taken: | |
| | |
| Whether action taken disclosed: | Yes No |
| Means of disclosure: | |
| | |