

Social Monitoring Report

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Sri Lanka: Jaffna and Kilinochchi Water Supply and Sanitation Project – Additional Financing

Prepared by the Jaffna Kilinochchi Water Supply Project of the National Water Supply and Drainage Board for the Asian Development Bank.

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Jaffna Kilinochchi Water Supply Project

Additional Financing Loan Number: L: 3603, L: 3604 – SRI

Social Safeguard Semi - Annual Report

January – June 2021

Submitted on July 2021

Implementing Agency

National Water Supply and Drainage Board

Executing Agency

Ministry of Water Supply

ABBREVIATIONS

ADB	–	Asian Development Bank
CAARP	–	Conflict Affected Areas Rehabilitation Project
CBO	–	Community-Based Organization
EMT	–	Environmental Monitoring Team
GRC	–	Grievance Redress Committee
GRM	–	Grievances Redress Mechanism
HDPE	–	High Density Poly-Ethylene
JKWSSP	–	Jaffna Kilinochchi Water Supply and Sanitation Project
JKWSP	–	Jaffna Kilinochchi Water Supply Project
JRO	–	Jaffna Regional Office
LAA	–	Land Acquisition Act
LARC	–	Land Acquisition and Resettlement Committee
LARO	–	Land Acquisition and Resettlement Officer
LHI	–	Lanka Hydraulic Institution
MLGPC	–	Ministry of Local Government and Provincial Councils
NGO	–	Nongovernment Organization
NIRP	–	National Involuntary Resettlement Policy
NWSDB	–	National Water Supply and Drainage Board
NPC-PID	–	Northern Provincial Council-Provincial Irrigation Department
PIEC	–	Project Implementation Engineering Consultancy
PID	–	Provincial Irrigation Department
PIU	–	Project Implementation Unit
PMCIU	–	Project Management Coordination and Implementation Unit
PMSC	–	Project Monitoring Supervision Consultancy - SWRO
ROW	–	Right-of-Way
RP	–	Resettlement Plan
RRP	–	Report and Recommendation of the President
STP	–	Sewage Treatment Plant
SWRO	–	Sea Water Reverse Osmosis
WTP	–	Water Treatment Plant

CONTENTS

A. EXECUTIVE SUMMARY.....	6
B. PROJECT DESCRIPTION AND BACKGROUND OF THE REPORT.....	7
Table – 1: Summary of Four Packages under Additional Financing of JKWSSP	10
Table – 2: Summary of Damages occurred under Jaffna City Distribution Package.....	16
Table – 3: Summary of Telecom obstacles observed at pipe laying route	17
Table – 4: Summary of Electricity Post obstacles observed at pipe laying route	18
Table – 5: Status of Contracts under JKWSSP (January – June 2021)	19
C. SCOPE OF IMPACTS.....	20
Table - 6: Entitlement Matrix for the proposed Sea Water Desalination Plant Package	21
D. PUBLIC PARTICIPATION AND CONSULTATION.....	23
E. GRIEVANCES REDRESS MECHANISM (GRM).....	24
Table - 7: Members of the GRC.....	26
F. INSTITUTIONAL ARRANGEMENTS.....	26
G. MONITORING RESULTS.....	27
H. FOLLOW UP ACTIONS, RECOMMENDATION AND DISCLOSURE.....	28
Appendix – 1: Agreement with RDA for DN 02 Distribution.....	29
Appendix – 2: Pradeshiya Sabah Approval for DN 02 Laying.....	45
Appendix – 3 : Agreement with RDD for Jaffna City Distribution.....	49
Appendix – 4 : Request letter to JMC Major for Pipe Laying.....	65
Appendix – 5 : Photographs of Damages during the Pipe Laying.....	68
Appendix – 6 : Request Letter sent to Telecom and Electricity Board.....	70
Appendix – 7 : Pipe Laying Progress.....	73
Appendix – 8: GRC Members details in all DS Divisions.....	74

A. EXECUTIVE SUMMARY

1. The Jaffna and Kilinochchi Water Supply Project (JKWSP) is a project funded by Asian Development Bank. The main objectives of the JKWSSP are developing the water supply infrastructure, strengthening water resource management in the Jaffna Peninsula and building the capacity of the NWSDB to carry out project implementation. The Government of Sri Lanka and National Water Supply and Drainage board has designed a project to meet at least part of drinking water demand in Jaffna and its islands. JKWSSP impact will be improved health and human development in urban areas of Jaffna Peninsula aligned with the government strategy Mahinda Chinthana. The outcome will be improved access to safe drinking water in targeted urban areas in the Jaffna Peninsula.

2. Originally, the project aimed to channel approximately 27,000 cubic meters per day (m³/day) of raw water approximately 50 kilometers (km) from Iranaimadu irrigation tank in Jaffna peninsula to treat and distribute drinking water to the water scarce Jaffna and nearby towns. It also aimed to improve sanitation infrastructure in Jaffna town and water resource management in the peninsula. Based on that, the original project was approved in 2010 and got effective on May 2011. A Memorandum of Understanding (MoU) was signed in 2007 between the National Water Supply and Drainage Board (NWSDB) and Ministry of Agriculture and Irrigation of North East Provincial Council to share water with farmers. Raising Iranaimadu tank bund by 2 feet for enhancing its water retaining capacity is one of the project deliverables under the proposed scheme.

The farmers benefiting from the tank have raised concerns on the water adequacy in the tank to share with drinking water needs in the Jaffna peninsula. However, considering the concerns of farmers, in 2010, the water abstraction rate reduced from 50,000 to 27,000 cubic meters per day. Nevertheless, some farmer organizations continued their protest against abstraction of water from Iranaimadu tank for the drinking water project. Severe drought experienced in Kilinochchi during early part of 2014 resulted extremely low water level in the Iranaimadu tank, aggravating farmers concerns on water sharing.

3. Considering the urgent need of water supply facilities to Jaffna Peninsula and its suburbs, a mutual agreement has been reached with ADB to carry out a Rapid Assessment on the feasibility of alternative water sources for JKWSSP mainly focusing on desalination of sea water. As a result of the rapid assessment study and their recommendations with regard to desalination, option will be suitable and changed the water source to surface water to sea water.

4. This project is developed to install desalination of sea water through the development of seawater reverse osmosis (SWRO) plant to produce about 24, 000 cubic meters (m³) of fresh water per day. Taking into account the proposed restructuring, the project meets the eligibility criteria for additional financing. 120 Mn USD approved by Asian Development Bank for the development of water supply infrastructure facilities.

5. **Category of the Project:** In 2014 – 2015, the feasibility team developed the resettlement plan (RPs) for proposed sea water desalination project in order to collect data whether IR impact – structures and persons could be affected by this projects following ADB's Safeguard Policy Statement 2009, and Government of Sri Lanka's laws (National Involuntary Resettlement Policy, 2001). The construction of Sea Water Desalination plant is being implemented on the land belongs to the State and pipe laying will be laid down in the existing right of way (ROW). Although the project does not involve any land acquisition, physical or economic displacement and/ or loss of assets for private individuals, the project is classified as category B for involuntary resettlement to provide the flexibility to undertake continuous monitoring and course correction in case of any unanticipated livelihood impacts, particularly on local fishermen, during the laying of the intake and outfall pipes in the sea. Any unanticipated resettlement impacts will be managed through the social safeguard provisions of the ongoing project. That is why the project has been categorized as Category – B for involuntary resettlement.

6. The PMU is supposed to provide the monitoring report on social safeguard activities at annual as well as semiannual basis. This is the semi – annual report for the period of January – June 2021. The general objective of this semi - annual safeguard monitoring report is to assess the progress on safeguard measures taken during the reporting period.

7. However, with the outbreak of Covid-19 pandemic's third wave, the works sites were limited to access the works as per the Regional Medical Officer and the Public Health Inspector's instruction. All construction sites monitored every day and implementing the Health and Safety Plan, which was prepared by contractor and approved by ADB, SLRM. In addition, the precautions measures related to Covid-19 were adopted in all the working sites as well as the project management units. Further, major contracts of construction of Sea Water Desalination Plant and the Jaffna City Distribution Contract under this loan has been awarded and the initial works have commenced by each contractor.

8. Institutional setup¹: The Ministry of Water Supply was the Executive Agency and the National Water Supply and Drainage Board is the implementing agency for the project. A PMCIU has been established under NWSDB headed by Project Director. Under the overall guidance of the PMCIU, the resettlement plan will be executed. The PMCIU will be responsible for implementing and monitoring safeguards compliance activities, public relations activities, gender mainstreaming activities, and community participation activities.

B. PROJECT DESCRIPTION AND BACKGROUND OF THE REPORT

9. To support the Government of Sri Lanka in social and physical reconstruction in the north subjected to almost two decades of internal conflict, the Asian Development Bank (ADB) developed the Conflict Affected Areas Rehabilitation Project (CAARP) in 2003. The resulting Report and Recommendation of the President (RRP) included a review of water resources in the Jaffna Peninsula and adjacent mainland, which led to preparation of an investment to provide the

¹ Ministry changed as Ministry of Water Supply after the Election held on 5th August 2020

Peninsula with safe and reliable water supply and sanitation. A feasibility study was conducted in the project in 2005-2006 and proposed the Jaffna and Kilinochchi Water Supply and Sanitation Project.

10. The Jaffna Peninsula, which lies in the northernmost part of Sri Lanka, was one of the worst- affected areas from years of conflict and is an economically lagging region.² After the conflict ended in 2009, Jaffna has been experiencing rapid urbanization, with population expected to grow from 610,000 in 2016 to 900,000 by 2030, increasing the demand for urban basic services including drinking water. The Asian Development Bank (ADB) approved the Jaffna and Kilinochchi Water Supply and Sanitation Project in November 2010.³ The project was the first initiative by a development partner to support the region's post conflict development and reconciliation efforts. The project aimed to channel approximately 27,000 cubic meters per day (m³/day) of raw water approximately 50 kilometers (km) from Iranaimadu irrigation tank in Jaffna peninsula to treat and distribute drinking water to the water scarce Jaffna and nearby towns. It also aimed to improve sanitation infrastructure in Jaffna town and water resource management in the peninsula.

11. The current project suffered significant startup setbacks resulting in implementation delays and cost overruns.⁴ The current project was hampered by local farmers' objection to use of Iranaimadu tank's water for drinking water purposes, despite consensus reached on water sharing at the loan appraisal stage.⁵ The remote project location in a post-conflict area also aggravated the challenges due to weak implementation capacities. As of 2017, the ADB-financed overhead water tanks and the 51 km. water pipes have been constructed. Considering the ongoing and completed works under the current project, and its critical importance to the rehabilitation and reconstruction program of the Northern Province, the benefits of restructuring the current project outweigh those of cancelling it. The government is committed to the current project and has dedicated significant resources to improve project implementation including identifying a new water supply source and meeting the cost overruns. As of July 2017, the cumulative current project contract awards total \$60 million (73% of the ADB loan amounts), and disbursements total \$32 million (39% of ADB loan amounts). The project implementation is rated as on track, and safeguards compliance has been met.

12. The current project needs restructuring primarily to reflect the change of water source from Iranaimadu tank to a desalination plant and to strengthen the water supply component. The following changes are proposed: (i) inclusion of a desalination plant using a design build operate (DBO) contract; (ii) cancellation of water treatment plant and bulk water transportation from Iranaimadu tank originally co - financed by the Agence Française de Development (AFD); (iii)

² The region has high income poverty and income inequality. Poverty incidence in the Northern Province is estimated to be 10.9%, compared with 6.7% for the country as a whole. (Household Income and Expenditure Survey 2012/2013, Ministry of Policy Planning Economics Affairs, Child Youth and Cultural Affairs, Sri Lanka).

³ The Project is financed by an ADB loan of \$90 million, along with €35 million (approximately \$40 million) co-financing from Agence Française de Development (AFD) and was declared effective in May 2011.

⁴ Cost overruns are due to underestimation of quantity and cost of the works during the project feasibility study that was undertaken during the conflict period and as a result of inflation in last 7 years.

⁵ A Memorandum of Understanding was signed in 2007 between NWSDB and the Ministry of Agriculture and Irrigation of the North East Provincial Council to share irrigation water for farmers with the Jaffna District.

exclusion of the sewerage component;⁶ (iv) inclusion of the household water connections; and (v) inclusion of water resource management and outreach activities. Based on the revised cost estimates and the cancellation of the AFD financing, the government has requested additional financing of \$120 million from ADB to meet the change in project scope and cost overruns.⁷ The closing date of current loan extended from 14 August 2017 to 31 December 2020 to complete the revised project scope through the current project and the proposed additional financing.⁸ The project name also changed as Jaffna Kilinochchi Water Supply Project. Project time duration for the original loan was extended another 1 year up to 31st December 2021 in order to complete the balance packages.

13. Taking into account the proposed restructuring, the project meets the eligibility criteria for additional financing.⁹ The overall project (i) remains technically feasible, economically viable, and financially sound; (ii) is accorded high priority by the government; (iii) is consistent with the current project's development objectives; and (iv) is consistent with the country partnership strategy, which prioritizes inclusive and sustainable economic growth, including providing drinking water in the post conflict area.¹⁰

14. **Impact and Outcome.** The impact will be improved health and human development in urban areas of Jaffna Peninsula aligned with the government strategy.¹¹ The outcome will be improved access to safe drinking water in targeted urban areas in the Jaffna Peninsula.

15. The outputs will be (i) finance the cost overrun under the current project; and (ii) support the additional activities of the desalination plant and related works under Output 1 and water resource management plan under Output 3 below.

- (i) **Output 1: Water supply infrastructure and service in Jaffna Peninsula improved.** The overall project will (i) install a desalination plant of 24,000 m³ per day capacity; (ii) install 700 kilometers of water mains and distribution pipes; (iii) install 60,000 metered new water connections; and (iv) Operate and maintain the desalination plant for 5 years. The desalination plant will be designed, constructed, operated and maintained by a single contractor using DBO and performance-based contract. The government will finance the operation and maintenance (O&M) period under the DBO contract will be 7 years, out of which 5 years will be covered by the project and the remaining 2-year period. The overall project will support the monitoring and independent review of the desalination plant services and the DBO contractor performance. The DBO contractor will ensure (i) proper bulk water metering; (ii) adequate water pressure at the turning point; and (iii)

⁶ The government is discussing with AFD to fund the sewage management through a separate arrangement. The technical assistance under the additional financing will support development of sanitation plans including seepage management.

⁷ The additional financing was included in ADB. 2014. *Country Operations Business Plan: Sri Lanka, 2015-2017*. Manila.

⁸ The current project is financing the water supply networks and the additional financing will finance the desalination plant. Constructions need to be synchronized to ensure that the pipes are not constructed well ahead of the plant.

⁹ ADB. 2010. *Additional Financing: Enhancing Development Effectiveness*. Manila

¹⁰ ADB. 2015. *Interim Country Partnership Strategy: Sri Lanka, 2015-2016*. Manila.

¹¹ Government of Sri Lanka. 2006. *Vision for a New Sri Lanka*. Colombo.

supplied water complies with national quality standards for drinking water. The NWSDB will manage the water transfer and distribution systems, and ensure timely payments of fixed and performance-linked variable fees to the DBO contractor. The DBO contractor will train the NWSDB staff in operating the assets during the O&M period and will turn over the desalination plant to NWSDB at the end of 7 years. The NWSDB has committed to the continuity of O&M of desalination plant beyond the contract period.

(ii) Output 2: Water resource management systems and capacity strengthened.

The overall project will support long-term water resource management and capacity building for NWSDB. This will include (i) developing a detailed action plan for groundwater and surface water monitoring and rehabilitation in Jaffna; (ii) conducting awareness campaigns on water sharing from Iranaimadu Tank; (iii) completing a water resources management plan for Iranaimadu Tank; and (iv) community development in Vadamarachchi village, where the desalination plant will be located. Capacity development will be carried out under the separate TA 9429.

16. Contract Packages of the Project: Under the additional financing, there are 04 main packages would be carried out noted below:

- I. Installation of 24000 m³/day Sea Water Desalination Plant
- II. JMC Distribution System
- III. Water Tower and Distribution System
- IV. Distribution System (2 additional) with Household Connection

Supplementary components of the project are noted as under

- I. O&M Vehicles and Equipment
- II. Project Consultancy

Table – 1: Summary of Four Packages under Additional Financing of JKWSSP

Package No	Package Name	Contract Amount	Contractor	Remarks
PEIC/JKWSSP/ SEA WATER REVERSE OSMISIS PLANT/2015/01	Design, Build and Operate A Sea Water Reverse Osmosis Desalination Plant of 24 MLD Capacity at Thalaiyadi, Jaffna District (SWRO Desalination Plant)	93.28 Mn USD	M/s. Suez International	Contract awarded on 25th January 2021 and agreement signed on 23rd February 2021. Contractor visited to the site on 19.03.2021 and design work in progress. Total physical progress is 1.22% at May 2021.
PEIC/JKWSSP/ Distribution Network /2017/01	Supplying and Laying of Water Distribution Networks In Jaffna City Area	15 Mn	M/s. NCC Ltd	Contract awarded on 08th January 2021 and Contract Agreement signed on 17th February 2021. Contractor mobilized

Package No	Package Name	Contract Amount	Contractor	Remarks
				to the site and work in progress. Total physical progress is 7.00% and Financial progress is 7.48% (including advance payment) as at May 2021.
PMCIU/PL&Civil /ADB/JKWSSP/ 2021/01	Supply and Laying of Transmission Main, Distribution Network, Construction of 1000m3 Elevated Tower in Chunnakam	6.35 Mn USD	Procurement Stage	Bidding document prepared , calling of bids after awarding the M&E SCADA package (finalizing the availability of fund)
PEIC/JKWSSP/ NETWORK/201 4/02	Distribution System – 2 (Additional works for Household Connection	24.67 Mn USD	M/s Sierra Contractors Pvt Ltd	Ongoing. Total physical progress is 88.15% and Financial progress is 80% as at May 2021. (Including advance payment).EOT is given up to 28th Sep 2021.

17. Category of the Project: In 2014 – 2015, the feasibility team developed the resettlement plan (RPs) for proposed sea water desalination Project in order to collect data whether IR impact – structures and persons could be affected by this projects following ADB's Safeguard policy Statement 2009, and Government of Sri Lanka's laws (National Involuntary Resettlement Policy, 2001). Since the construction of sea Water Desalination plant is being implemented on the land belongs to state and pipe laying will be laid down in the existing right of way (ROW). Although the project does not involve any land acquisition, physical or economic displacement and/ or loss of assets for private individuals, the project is classified as category B for involuntary resettlement to provide the flexibility to undertake continuous monitoring and course correction in case of any unanticipated livelihood impacts, particularly on local fishermen, during the laying of the intake and outfall pipes in the sea. Any unanticipated resettlement impacts will be managed through the social safeguard provisions of the ongoing project. That is why the project has been categorized as Category – B for involuntary resettlement.

18. The following figure shows the location map of the water coverage and the water source location.

Jaffna Kilinochchi Water Supply Project



19. **Scope of Social Safeguards Monitoring Reports:** The Social Safeguards Monitoring Report is the protection document of the borrower. In JKWSSP, the PMCIU is the responsible body to ensure smooth implementation of the resettlement plan and ensuring that affected persons are compensated prior to economic or physical displacement. The PMCIU is supported by their sociologist in implementing the following social safeguard activities:

- updating the resettlement plan with the assistance of Project Management Supervision Consultant (PMSC) during the detailed design stage of desalination, if necessary
- providing timely payments of compensation at replacement value as per the resettlement plan (entitlement matrix) to affected persons before physical or economic displacement occurs;
- ensuring that other entitlements (e.g., income rehabilitation measures, livelihood losses etc.) as per the resettlement plan are delivered to affected persons;
- engaging in ongoing and meaningful consultations and disclosure activities with communities, stakeholders, and affected persons;
- implementing the resettlement plan with support from PMSC;

- (vi) ensuring all grievances are addressed and when necessary activating the Grievance Redress Committee;¹²
- (vii) taking corrective actions where necessary;
- (viii) conducting monitoring of the resettlement process to ensure smooth implementation; and (ix) preparing and submitting semi- annual social safeguard monitoring reports to ADB that describe the progress of the implementation of resettlement activities and any compliance issues and corrective actions.

20. The PMCIU sociologist is conducting the consultation meetings and monitoring of safeguard activities at regular basis. This report compiles the social and resettlement impacts monitoring results to comply with the spirit of ADB's policy to enhance stakeholders' trust in and ability to engage with the Project, and thereby increase the development impact (of projects) in which disclosure of safeguard monitoring is a prominent aspect.

21. The general objective of this Semi - Annual Monitoring Report is to assess the progress on safeguard measures taken during the implementation of the project including the upgradation of RPs and payment of compensations to the APs. The Sociologist of PMCIU with the assistance of PMSC and the contractors will collect the data on social safeguard activities through field visit and secondary sources that will describe the progress of the implementation of social safeguard activities, compliance issues and corrective actions. Problems or issues identified will be followed-up (including recommendation of mitigation measures) on regular basis to correct as well as improve the situation. The major SWRO contract under this loan has been awarded in 25th January 2021 and the contractor mobilized at the site. Detail Design works are moving by the contractor M/s. Suez International. The second major Jaffna City Distribution Network contract has been awarded and the contractor M/s. NCC Ltd laid the 1.8 km pipes out of the 271km. The details of the safeguard activities presented in the para 31 of this report.

22. In connection to the implementation of the project, Sociologist has been working together with the PMCIU engineers and officials of contractors and Consultants to carefully ensure compliance of the social safeguards. Meanwhile, the following indicators will be considered by PMCIU and PMSC for monitoring.

- Ensure that the standard of living of affected persons/ displaced persons are restored or improved;
- To assess the compensation and assistance payments versus the actual duration of impact; Ascertain whether activities are progressing as per schedule and the timeliness are being met; assess if compensation, rehabilitation measures are sufficient;
- Identify problems or potential issues;
- Identify methods to rapidly mitigate problems
- Take special care for the affected vulnerable and poor persons in terms of compensation and rehabilitations;

¹² Provide a briefing to the Grievance Redress Committee and monitor grievance redress mechanism including dealing with complaints and grievances.

- Administrative monitoring to ensure that implementation is on schedule and problems are dealt with on a timely basis;
- Identify resettlement impacts, if any, utilizing baseline information, during and after construction; To review the consultations, disclosure process, status of grievance redress mechanism, grievance registration and redress
- To assess the safeguard measures at construction sites including provisions for access, traffic management, unanticipated impacts and corrective actions required if any, etc.
- Performance of GRC.

23. **Methodology of Preparing Social Safeguard Monitoring Report.** Both qualitative and quantitative methods employed for the data collection during the design and construction period. Findings of the data have been used to capture all dimensions of impacts in and around the project alignment regarding social safeguard management. It is also necessary to have the community consultation as well as the stakeholder's consultations and records the participants' data and the affected party's details.

24. **Reporting Period of the Monitoring:** The PMCIU is scheduled to provide the monitoring report on social safeguards activities at semi - annual basis. The loan is effective from March 2018, the first annual report for the period from March – December 2018 was submitted on 10th July 2019 and the Semi Annual report for the period from January – June 2019 was submitted on 13th September 2019 and the report for the period July – December 2019 was submitted on 16th March 2020. The semi – annual report for the period of January – June 2020 was submitted on July 2020 and the report for the period of July – December 2020 was submitted on January 2021. Last social safeguard Monitoring report disclosed at ADB website on 19th January 2021. This is the first half safeguard monitoring report for the year 2021 covering the month January – July 2021.

25. **Status of Social Safeguards Team at PMU Level:** The PMU has its own permanent staff to carry out the activities for updating RPs based on the detailed design. Further, safeguard specialist should be recruited under PMSC to monitor the safeguard related issues and minimize the adverse impacts during the construction as well as operation and maintenance period for the SWRO package. PMU Sociologist is responsible for overall supervision of the project's safeguard issues including monitoring of RP implementation with necessary reporting as well and to work closely with PMSC. It is to be mentioned that no civil works will begin until all compensation to affected persons is paid. In addition, PMCIU employed a Focal Person on community participation activities and awareness building activities.

26. **Mobilization of PMSC Consultants:** Environmental and Social Compliance Officer and Healthy and Safety Officer will be recruited under PMSC to assist the PMCIU Sociologist. PMSC recruitment has already advertised and evaluation was completed. Standard Cabinet Appointed Procurement committee (SCAPC) approved for the 1st rank bidder and negotiation meeting held on 27.06.2019. The contract agreement to be signed with selected consultant after obtaining the Ministry Approval. Cabinet Paper submitted and the approval is pending. Also, the contractors

must recruit the safeguard specialist for each package under this loan for expediting the safeguards activities regularly.

27. **Mobilization of EMT Consultants:** Environmental Specialist, Health and Safety Officer, Safeguard Specialist will be recruited under this consultancy for monitoring of the safeguard aspects of the desalination plant construction and reporting. For this consultancy, evaluation completed and submitted the revised TOR for ADB's review. The Ministry approval will need to be obtained to award this consultancy.

28. Both PMSC and EMT consultancy will be mobilized after the approval obtained from Cabinet. However, for the Jaffna City Distribution Network separate social safeguard officer was recruited and presently, the officer is working with PMCIU's sociologist and attending the safeguard issues and collecting the details of the Household connection for the ongoing Jaffna City Distribution Network package. The details of the safety officer from the particular package is as follow:

Name of the Officer	Designation	Duties and Responsibilities
Mr. K. Prashanthan	Safety Officer	Check and update the safeguard issues, Monitoring the pipe laying works in safety aspects, Assist to Sociologist, PMCIU to identify the expected safeguard issues and instruct to the contractor (Technical) to attend the rectification or related mitigation measures.

29. **Individual Consultants under TA 7676:** Public Awareness, Communication and Gender Expert has been recruited under TA to enhance the capacity of internal public relations (fishermen and other community) / corporate communications of NWSDB. Also to encourage the community to support successfully execute the project related activities in the project area. Making the awareness programs periodically to give publicity on the project to the people in the proposed project area and the other ongoing distribution pipe laying areas is another objective of this task. PACGE visited to Jaffna 1st July 2021 and had discussion with Project Director and Project Sociologist regarding the implementation of Community Action Participation Plan and doing the awareness in other project areas. Also he had some fruitful discussion with Regional Manager, Jaffna and the OIC of Community Water Supply Department regarding the water supply related activities.

30. **Progress and Status of Social Safeguard Activities:** During this reporting period, there are two packages are ongoing under this loan. One is Distribution Network -2 which is partially covered by additional loan and the contractor has completed the 265km of laying out of 287 km. There are no complaints or grievances reported during the period as the Contractor informed the households in Vaddukkoddai, Karainagar, Sandilipay, Chankanai, Manipay and Puttur regarding the pipe laying works prior to commencing the laying works and obtained their consent. Public satisfied with the disseminated data and the road safety arrangements done by contractor.

31. For the pipe laying works under Distribution Network System – 2, pipes are laying under beneath of land along the RDA roads and the Pradeshiya Saba Roads in a right of way with their approval. Agreement made with RDA, RDD and the consent obtained from Pradeshiya Saba for the pipe laying works. Pipe laying works will be done on the right of the way in the roads belongs to Road Development Department, Authority and Pradeshiya Saba. Sample Agreement with RDA is annexed in **Appendix – 1**. Pradeshiya Saba approval also obtained to lay the pipes in their roads. Sample letter and its translation is annexed in **Appendix – 2**. Due to the Covid-19 pandemic second and third wave, the working sites were restricted by the area Public Health Inspector and Medical Officers, the progress of the project works were limited at the sites. Also the skill laborers hired from the outside to Northern Province, compulsory go for a 14 days self-quarantine and PCR tests. However, the construction works are moving smoothly except the lock down areas / restricted areas by adopting proper health and safety measures.

32. Second main package is the Jaffna City Distribution Network which is fully covering under the Additional Financing is awarded on 17th February 2021 and the pipe laying works are ongoing. The pipes are laying along the reservation of the roads belongs to Road Development Department and the Jaffna Municipal Council in a Right of Way. There is no clearance of any land or cut of any trees are required. Agreement will be made with RDD to lay the pipes within the city area. Sample Agreement with RDD annexed in **Appendix – 3**. Consent obtained from Major, Jaffna Municipal Council to lay the pipes in the road shoulders which is belongs to Jaffna Municipal Council. Copy of the request Letter sent by PMCIU is annexed as **Appendix – 4**.

33. There is no land issue or resettlement issues when the pipes are laying along the road reservation. There may be instances of damages caused to boundary walls when excavation is done along the road reservation as the Jaffna City area densely populated and some of the boundary walls are situated near to the road shoulder. In this time, Representative from PMCIU and contractor side were visited to the households and informed regarding the pipe laying in front of their houses/shops/workshops at the road shoulders. There were identified 3 temporary damages to the boundary wall during the laying as the road shoulders are narrow at temple road and Sangiliyan Road. It was discussed with the household/ landlord and came to the mutual agreement that the contractor need to reconstruct the boundary wall within 2 weeks' time from the damage occurred. Consent letter to demolish the existing boundary wall was obtained from the household. Details of the expected damages are as follow

Table – 2: Summary of Damages occurred under Jaffna City Distribution Package

S. No	Name of the Household	Address	Damages occurred	Mitigation measures	Status
1.	Mrs.A.Jegatheeswary	No – 120, Temple Road, Nallur	Boundary wall damaged due to the excavation of trenches	Consent obtained from the house owner and reconstruction of the	Request letter submitted by household and the
2.	Mr.K.Kanesh	No – 88, Pungankulam Road, Ariyalai			

S. No	Name of the Household	Address	Damages occurred	Mitigation measures	Status
3.	Mr.N.Balasingam	Sivan Road, Paravaikulam, Jaffna		boundary wall required	PMCIU instructed to reconstruct the boundary wall within 2 weeks.
4.	Mr.M.Kathiruthamby	New Sivan Road, Jaffna	Access Bridge damaged by JCB while cutting the trenches in front of the houses	Consent obtained from the house owner and reconstruction of the boundary wall required	

34. The details regarding the above damages shown in the photographs which are annexed in **Appendix – 5**.

35. Due to the severe spread of Covid-19 pandemic in Jaffna District later part of May and June 2021, pipe laying works are limited as there was a continues lock downs and island wide curfew was imposed by the Government of Sri Lanka. Also it is challengeable for the workers and supervisor working in the road sides without vaccination against for the Covid 19. However, arrangement made by the Government Agent, Jaffna to vaccinate the front line workers on 7th and 8th of July 2021.

36. Another social safeguard issue was shifting of telephone and electric post which are currently situated in the road reservation. In order to minimize the disruption of the services PMCIU along with the contractor representative visited to the sites and identifies obstacles and send the letter to the relevant service providers in order to shift or replace as some of the electricity and telephone post are damaged and no in the condition to replace. Details of the obstacles are as follow

Table – 3: Summary of Telecom obstacles observed at pipe laying route

S. No	Item	Location	RDA Chainage	Side	Status
1.	Telecom Post	Wyman Road	0+048	LHS	To be Shifted
2.			0+108		
3.			0+177.5		
4.			0+350		
5.		Sangiliyan Road	0+362	RHS	To be replaced
6.			0+281		
7.			0+700	LHS	To be shifted
8.			0+676		
9.			0+596		
10.			0+578		

11.			0+544		
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Table – 4: Summary of Electricity Post obstacles observed at pipe laying route

S.No	Item	Location	RDA Chainage	Side	Status
1.	Electricity Post	Wyman Road	0+108	RHS	To be replaced
2.			0+145		To be shifted
3.			0+170		
4.			0+435		To be replaced
5.		Sangiliyan Road	0+241	LHS	To be shifted
6.			0+265		
7.			0+219		
8.			0+379		
9.			0+414		
10.			0+297		

37. The request letter sent to the Telecom Pvt Ltd and the Ceylon Electricity Board to shift or replace the post in order to proceed the pipe laying works. Copy of the letters are attached **Annex – 6**.

38. A Health and Safety plan to control the spread of Covid-19 has been prepared for each contract and for implementing the safety aspects in sites and monitoring with PMCIU. For the Distribution Network 2, which is partially covering under Additional Financing, H&S plan was prepared and implemented by the contractor. After restart of the project activities, the office environment and the construction sites were disinfected and precautions measures were arranged at the office as well as the sites.

39. During this report period, there are no physical displacement or loss of business reported. The contractor ensures to minimize the loss of income to shops by providing the temporary accessibility and works were done in Sundays and night times when shops are closed. However, there was a continues lock down and the Government not allowed to open the shops except the pharmacy and medical shops and this situation supported to the contractor to complete the works without losing / minimize the income of shop owners or business people. **Appendix- 7 shows the pipe laying works with proper safety arrangements.**

40. **Grievances Redress Committee (GRC)** has been formed at each DS Division level and PMCIU level. GRC in Vadamarachchi East has been formed in 11 November 2015 to provide information about RODP project implementation at Thalaiyadi as it is large scale RO and first ever sea water desalination plant in Sri Lanka and the major contract under the additional financing. This committee will support in resolving grievances and disputes at the ground level during the implementation of the project. In addition, it will create the trust and confidence among community members that the said committee will support and establish processes to resolve issues if there are any livelihood loss or impact during project implementation. The Committee was supported to

record and resolve fishermen's grievances regarding the proposed subproject under the guidance of the Divisional Secretary, Vadamarachchi East.

41. In addition to this each Divisional Secretariat' divisions consist the committee to monitor the pipe laying and the tower constructions works. Appendix- 8 shows the details of GRC members in all project sites.

Table 5: Status of Contracts under JKWSSP (January – June 2021)

Contractor and Package No.	Description	Awarded Date	Scheduled date of Completion	Physical Progress	Remarks
M/S Sierra Distribution Network System – 2 Additional PEIC/JKWSSP/ Network/2014/02	Supply and Laying of Water Distribution Networks in Palai, Kodikamam, Meesalai, Poonakary, Puttur, Navatkuli, Karainagar, Vaddukkoddai, Kaddudai, Punguduthivu, Nallur Zones, JMC Transmission Pipe line & Construction of Office/Stores, Quarters at Velanai, Kaddudai, Navatkuli, Pokkanai, Poonakary and Karaveddy	29 Oct 2018	02 Dec 2020 and revised completion is 28th September 2021	88.15%	Due to the Covid 19, impact contract completion extended up to 28th Sep 2021 and there are no safeguard issues or affected parties reported.
PEIC/JKWSSP/ SEA WATER REVERSE OSMOSIS PLANT/2015/01	Design, Build and Operate a Sea Water Reverse Osmosis Desalination Plant Of 24 MLD Capacity at Thalaiyadi, Jaffna District (SWRO Desalination Plant)	08 th March 2021	Design & Build – 04 th September 2023 Operation Period – 02 nd September 2030	1.22 %	Designing works is in progress
PEIC/JKWSSP/ Distribution Network /2017/01	Supplying and Laying Of Water Distribution Networks In Jaffna City Area	08th January 2021	23th January 2023	7 %	Pipe laying works are ongoing and safeguard related activities monitoring by PMCIU & the contractor representative
PMCIU/PL&Civil /ADB/JKWSSP/ 2021/01	Supply and Laying of Transmission Main, Distribution Network, Construction of 1000m3	Under Procurement Stage			

Contractor and Package No.	Description	Awarded Date	Scheduled date of Completion	Physical Progress	Remarks
	Elevated Tower in Chunnakam				

C. SCOPE OF IMPACTS

42. Status of the affected party: Although the project does not involve any land acquisition, physical or economic displacement and/ or loss of assets for private individuals, the project is classified as category B for involuntary resettlement to provide the flexibility to undertake continuous monitoring and course correction in case of any unanticipated livelihood impacts, particularly on local fishermen, during the laying of the intake and outfall pipes in the sea for the proposed sea water desalination plant. There will be no direct negative impacts on the current income generation of the local people. Nevertheless, there will be some perceived indirect negative impacts due to implementation of the proposed project.

43. These perceptions and the related mitigation measures are included in the project design and implementation scheduled in Table 6 of the Resettlement Plan. In addition, no indigenous peoples/ small ethnic communities are located in the project locations of pipe laying zone and the treatment plant area.

44. The types of losses – permanent or temporary, total or partial due to the project include: (i) loss of business; (ii) loss of workdays/incomes; and, (iii) loss of temporary structure. According to ADB's SPS, 2009, the context of involuntary resettlement, affected persons are those who physically and/ or economically displaced (with loss of structure, income sources, or means of livelihood). The following categories of affected persons are likely to be impacted due to the implementation of the project:

- (i) affected persons losing income or livelihoods – affected persons whose business, employment, daily wages as source of income, or livelihood are affected temporarily; and
- (ii) Vulnerable affected persons – affected persons are defined as poor (BPL) disabled, landless or without title to land, female-headed households, elderly, vulnerable tribes, physical or mental disability minor races, ethnic sects and communities.

45. However, the main packages of 24000m³/day SWRO Plant was awarded and the detailed design work is in progress. PMCIU already engaged in the data collection to identify the affected person if there by this construction or pipe laying works. As already data collected during the DDR preparation, there were no affected parties identified and the situation may change during the implementation of works. Detail design will go for another 03 months and the details of affected

persons will be reported in the next semiannual report and the mitigation measures will be applied where needed.

46. Entitlement Matrix and other Rehabilitation Measures: In accordance with the JKWSSP, all affected persons are entitled to be compensated based on the damages or income losses. A separate RP has been prepared to identify the affected persons and entitlement matrix for the major package – Installation of 24000m³/day capacity Sea Water Desalination Plant in Thalaiyadi.

47. The following (Table 6) specifies that any affected person will be entitled to compensation for loss of income or loss of property.

Table - 6: Entitlement Matrix for the proposed Sea Water Desalination Plant Package

Type of Loss	Definition of Entitled Person/s	Provision/Entitlement
Temporary disruption of livelihoods	Legal titleholders, Owners, tenants, leaseholders, sharecroppers, employees/ agricultural workers, owners and operators of businesses, hawkers or vendors (non-titled, business community)	<ol style="list-style-type: none"> 1. 30 days advance notice regarding construction activities, including duration and type of disruption. 2. Compensation of any lost income based on minimum wage rates/ average business income. 3. Where Contractor's actions cannot Ensure there is no income/access loss, Affected Persons will be assisted to temporarily shift for continued economic activity, Identification of alternative temporary sites to continue economic activity. Provision of alternative sites for hawkers and vendors for continued economic activity will be part of project design. 4. Additional compensation for vulnerable households.
Temporary disruption of access to residences, business establishments	Legal title holders, non-titled immovable business owners/operators	<p>30 days advance notice regarding construction activities, including duration and type of disruption.</p> <p>Contractor's to finalize and implement EMP which will contain provisions for maintaining access (temporary planks etc.). In case access disruptions, cannot be mitigated through EMP in ongoing section</p>

Type of Loss	Definition of Entitled Person/s	Provision/Entitlement
		of digging then, affected persons will be provided compensation for lost income or a transitional allowance for the period of disruption whichever is greater.
Impacts on vulnerable affected persons (Aps) ¹²	Vulnerable APs (livelihood impacts)	1. Livelihood. Further to item 5, vulnerable households will be prioritized in project employment. Skills training and a subsistence allowance of SLRs10, 000 will also be provided for three months to augment current livelihood. The PMIU will consider them as special group to be entitled for special assistance during project implementation
Permanent inability to conduct Madal padu operations	The fishermen who previously have rights for Madal Padu operations in the project implementing area and may want to reinstate operations.	Providing equally useful alternative locations near the previous locations for Madal operations
Temporary disturbances to fishing activities in the vicinity of the project's intake and outfall locations (in the sea)	All types of fishermen who use this area (demarcated for construction of intake and outfall structures) to pass to other parts of the sea ¹³	3. Compensation for fishing nets/boats if damaged due to entanglement in the intake structure. This will be decided on a case by case basis by the LARC.
Impacts on vulnerable fishermen	Marginal and low income fishermen who use traditional small nets for fishing (these nets drift with the sea currents)	If their fishing nets will be damaged, they will be provided with compensation if deemed eligible by LARC (refer above). (This impact is unlikely as per project developer, but this issue is included in the project Entitlement Matrix so that there is a provision in case such events will occur during the operation phase of the project)

48. Compensation and Rehabilitation: The draft resettlement plan has been approved but will be updated based on detailed design and during detailed measurement surveys. The affected parties' details will then be recorded and arrangements to pay the compensation or rehabilitation works will be included. The updated plan will be submitted to ADB for clearance and to obtain no

¹³ Contractor's EMP includes provisions for ensuring adequate passageway is provided to fishermen during construction to pass the sea area.

objection. During this reporting period PMCIU not receive the detail design report from contractor for the SWRO (construction of 24000 m3/day desalination plant) and the expected affected parties will be updated on the next report and the construction works will commence only after the completion of compensation payment to the affected persons if any identified.

D. PUBLIC PARTICIPATION AND CONSULTATION

49. Consultation and disclosure will be a continuous process throughout the JKWSSP – Additional Financing implementation period. However, PMCIU of JKWSSP had the series of discussions with the community in Vadamarachchi East DS Division to prepare the RP for the proposed desalination plant project. Public consultation during the construction / implementation phase will be planned to conduct after awarded the major contract – Sea Water Desalination Plant. Arrangements had been made to conduct the community consultation and awareness programs with the support of Public Awareness, Communication and Gender Specialist. Due to the severe spread of Covid-19 and the Government restricted to the gatherings and organizing the discussions or meetings at village level, PMCIU unable to organize the public consultation and there is no records regarding the consultations during this reporting period. However the situation comes to normal the detail will be updated in the next monitoring report.

50. The resettlement plan for the additional financing (especially for the proposed seawater desalination plant) was disclosed to stakeholders in 2016 by making copies of the summary available in Divisional Secretariat and Pradeshiya Sabha offices in the project area. The resettlement plan also disclosed on the websites of the executing agency and ADB. The link is as follow:

<https://www.adb.org/projects/documents/sri-37378-014-rp>
http://www.waterboard.lk/web/index.php?option=com_content&view=article&id=71&Itemid=269&lang=en#the-environmental-impact-assessment-report-and-resettlement-plan-of-jkwssp

51. Information dissemination and consultation will then continue throughout project implementation. For the Jaffna City Distribution Network Due Diligence Report has been prepared and submitted to ADB and disclosed in ADB's website. The link is as follow:

<https://www.adb.org/sites/default/files/project-documents/37378/37378-013-sddr-en.pdf>

52. The documents related to the safeguard the following Social Safeguard Monitoring reports were submitted and disclosed at ADB website.

1. March – December 2018 : <https://www.adb.org/sites/default/files/project-documents/37378/37378-014-smr-en.pdf>
2. January – June 2019 : https://www.adb.org/sites/default/files/project-documents/37378/37378-014-smr-en_0.pdf
3. July – December 2019 : https://www.adb.org/sites/default/files/project-documents/37378/37378-013-smr-en_2.pdf

4. January – June 2020 : https://www.adb.org/sites/default/files/project-documents/37378/37378-013-smr-en_3.pdf
5. July – December 2020: https://www.adb.org/sites/default/files/project-documents/37378/37378-013-smr-en_7.pdf

53. Meetings on safeguard-related concerns and updating of RP have been conducted with public during the period in 2018 & 2019 at Vadamarachchi East DS Division and other DS Divisions also having the meetings regarding the ongoing project activities, construction details, contractors' details and to disseminate other related information. Consultation and meetings with stakeholders for the awarded contracts and the ongoing packages for the 1st & 2nd Quarter of 2021 are postponed due to the Covid-19 second and third wave impact and the summary of the discussion will be updated in the next monitoring report.

54. For the Jaffna City Distribution Network, public consultations and discussions were arranged and held. Project basic information and the details on Jaffna City Distribution Network have been discussed by the project officials to the participants through PPT presentations and explained the benefits of the Jaffna City Distribution Network to the society and the implementation of water supply facilities. Further, explanation was given regarding the pipe laying area, exact location of the pipe laying works, reinstatements of roads and the coverage area. Also, it was explained the ADB's safeguard policies to understand the public, build awareness on measures to save water conservation, ground water recharge, etc., and proper solid waste management and the need to keep public spaces and water bodies clean. In addition to this, details were given to the public regarding the Desalination Plant and its operation process.

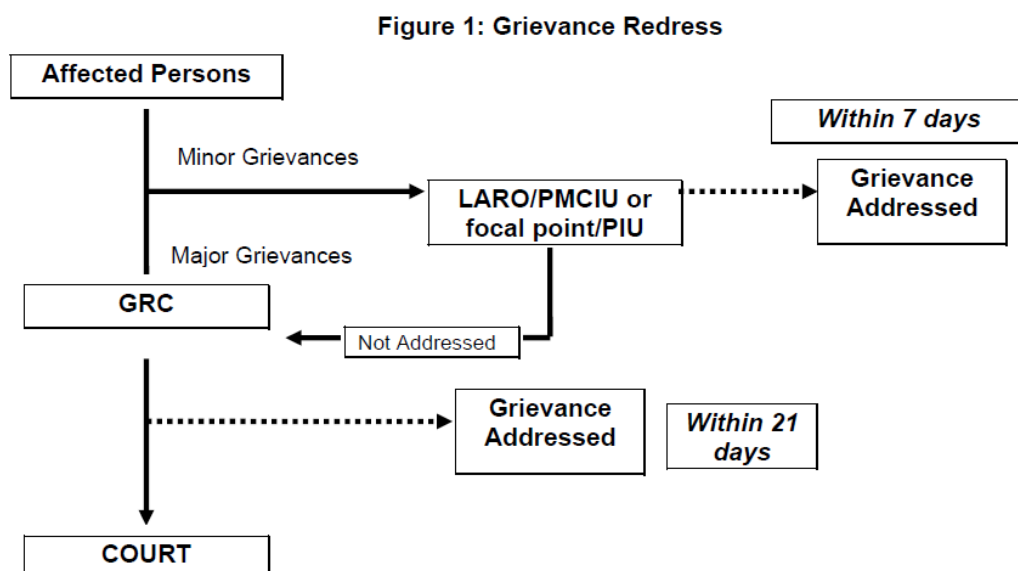
55. The local communities are the key stakeholders and they were informed about the pipe laying programme implementing by the M/s NCC Ltd and M/s. Sierra Construction Ltd. As decided at the meeting complaint boxes were put in each GN Division to make the public easily submit their grievances. Also, the contact details of the project office were issued to the public for easy accessing. However there are no complaints received from the community during this reporting period for this pipe laying works.

56. Officers and the community as well as the business peoples expressed their concern on unavailability water supply and the well pollution with in Jaffna City area. They welcome the initiated project activity and wished to provide their support and cooperation for the pipe laying works. It was informed to the trade union people that the pipe laying activities will be implemented without disturbing the business activities.

E. GRIEVANCES REDRESS MECHANISM

57. A project – specific Grievances Redress Mechanism (GRM) has been established to receive, evaluate and facilitate the concerns, complaints, and grievances about the social safeguard's performance as well as related to the environment and construction work.

58. The GRM will be made accessible to affected persons and capable of responding to a wide scope of issues so that affected persons can approach it easily with their diverse concerns including trace-related grievances, land acquisition and compensation-related grievances, construction-related grievances, and resettlement sites-related grievances. The institutional arrangements established to ensure effective management of the design, construction and subsequent operation of the project infrastructure, include special provisions to enable affected persons to bring to the attention of the project authorities any dissatisfaction they may experience and to ensure that this is dealt with appropriately. The mechanism is shown in Figure 1.



59. GRM was established in the project area Vadamarachchi East DS Division on 11.11.2015 to provide information about project implementation at Thalaiyadi as it is large scale SWRO – the first ever sea water desalination plant in Sri Lanka. This committee supports in the resolution of grievances and disputes at the ground level during the implementation of the project. Also, this system helps to create the trust and confidence among community members that, this committee will provide them some platform for airing their grievances and seeking support in case of any negative impact on their livelihood because of the project. In the other divisions where the distribution works ongoing and for the future contracts also have the GRM.

60. The members of this existing GRC in Vadamarachchi Division are given in Table 21 below. The operations of the GRC related to the additional financing project will be as follows:

- Keep a feedback register and receive SWRO project related complaints, comments or suggestions from communities and relevant stakeholders;
- Review the feedback and take appropriate actions as soon as possible; and
- Seek to resolve an issue quickly, amicably, and transparently.

Table 7: Members of the GRC

Name	Position	Address
Mr. K.Prabakaramoorthy	Chairman of GRC	Divisional Secretary, Vadamarachchi East DS Division
Mrs. I. Balakumary	Secretary of GRC	Sociologist, PMCIU, JKWSSP, NWSDB
Mr. Jones Inparaj	Coordinator of GRC	Development Officer, DS Division, Vadamarachchi East
Mr. M. Thavaraja	Member of GRC	Grama Niladhari, J/428 – Maruthankerny
Mr. J. Aswin Dias	Member of GRC	Secretary, Fisheries Society, Thalaiyadi
Mr. Y. Yoganathan	Member of GRC	President, Rural Development Society, Thalaiyadi
Mr. Y. Emilrajan	Member of GRC	Member, Rural Development Society, Thalaiyadi
Mrs. D. Mary Subajini	Member of GRC	Member, Women Rural Development Society, Thalaiyadi
Mrs. M. Mary Renuka	Member of GRC	Member, Women Rural Development Society, Thalaiyadi
Mr. T. Prashanthan	Member of GRC	Coordinating Officer (PMCIU & Thalaiyadi)
Mr. R. Sulaxsan	Member of GRC	Coordinating Officer (PMCIU & Thalaiyadi)
Mr. J. Latheeswaran	Member of GRC	Coordinating Officer (PMCIU & Thalaiyadi)
Ms. S. Paritha	Member GRC	Representatives from Maruthankerny South and North WRDS
A representative from APs (to be determined later)	Member GRC	

F. INSTITUTIONAL ARRANGEMENTS

61. The Ministry of Water Supply¹⁴ has been entrusted as the Executing Agency and National Water Supply and Drainage Board (NWSDB) as the Implementing Agency for the JKWSSP. The Project Management, Coordination and Implementation Unit (PMCIU) is located within NWSDB, Jaffna.

62. The PMCIU resettlement planning and implementation capacity has been strengthened through provision of expertise, and training and support for NWSDB staff- particularly at the project level. This process will continue in the future too. Within the PMCIU, the sociologist is assigned the safeguards functions, including all resettlement issues. The Sociologist will be supported by consultant hired when required by the PMCIU.

63. The main responsibilities of the PMCIU -Sociologist are given below:

¹⁴ Ministry name changed as Ministry of Urban Development, Water Supply and Housing Facilities from Ministry of City Planning, Water Supply and Higher Education.

- Develop and enhance the community consultation strategy to manage risks associated with native perceptions of the project by the surrounding communities;
- Implement the community outreach strategy including preparation of monitoring reports;
- Receive grievances and complaints, register them, maintain complaint log, trigger subsequent tiers of GRM process (if unable to provide complaint resolution within stipulated time of 7 days) and communicate the outcome of the GRC to the affected people/ complainants.
- Provide a briefing to the Grievance Redress Committee and monitor grievance redress mechanism including dealing with complaints and grievances;
- Organize and implement public consultation and disclosure activities;
- Undertake consultations with the community to prepare mini-projects and implement livelihood supporting activities (financed under the ongoing loan) in the project implementing GN division; and
- Provide monthly reports to the Project Director regarding the progress of resettlement issues.
- Identify vulnerable households
- Coordinate and monitor the implementation of the GAP, community consultation and participation plan and communication and awareness program (public awareness campaign).
- Engage in continuous consultations with the community to inform them about the project activities and seek their feedback specifically on livelihood issues (for example- any perceived reduction in fish catch).
- In consultation with the community develop action plans to address their concerns.

G. MONITORING RESULTS

64. The Monitoring Unit of PMCIU will undertake the monitoring of the various indicators during the implementation of the project. Data will be gathered through reviews, audits, community consultations, unscheduled and unannounced inspections, as well as interviews with community leaders, PMCIU and other stakeholders, contractors, and others involved in the process at all levels, as well as through structured direct observations on the ground and compiling of RP, EMP baseline and periodic monitoring data. Also there will be a separate EMT consultant team to provide the details regarding the social, environmental aspects of the SWRO project.

65. In addition, compensation and payments of all types of impacts and losses, progress of additional compensation to vulnerable, status of consultations and redress of grievances, social safeguard concern in construction sites will be updated regular basis and the compensation settlement to be done prior to the construction. During the reporting period, for the main contract there is no construction activities have been carried out and site clearings works and the proposed new road works are initiated without any impacts. For the Jaffna City Distribution Package, there were minor damages to property and it was instructed to the contractor to rectify with the satisfaction of house owner. Details already included in the Table 2 of the section 33. The main

contract is in the designing stage and the types of impacts and losses if there, update will be submitted by the next monitoring report.


H. FOLLOW UP ACTIONS, RECOMMENDATION AND DISCLOSURE

66. This section describes the issues and recommendations are expected to be accomplished by the PMCIU of JKWSP. Major SWRO contract awarded and the Designing works are in progress. However the initial site clearing works and the newly proposed road activities are ongoing at the site without any disturbances or damages to the community property as the whole land belongs to State. Sociologist of PMCIU visiting the site once a time in a week and monitoring the activities at the site. Site clearing works carrying out according with the EMP under the monitoring of the Environmental Officer.

67. The mobilization of PMSC consultant and EMT consultant not yet started. Once mobilized the PMSC and EMT Consultants, the action plan will be developed in details and its progress will be reported in the next reporting period.

Appendix – 1: Agreement with RDA for DN 02 Distribution

Appendix - 01: Agreement with RDA



National Water Supply and Drainage Board

JAFFNA KILINOCHCHI WATER SUPPLY AND SANITATION PROJECT

Project Director's office, MPCs Building (First Floor) 127, KKS Road, Jaffna

Tel: 021-2220256 Fax: 021-2220257 Email: pdjkwssp@gmail.com Web: www.jkwssp.org

My No: PD/JKWSSP/PMCIU/DN 02/157 Date: 08th June 2019

Chairman/

General Manager

Through: AddLGM(WSP) DGM(ADB) 11/06/2019


SUPPLYING AND LAYING OF DISTRIBUTION NETWORKS IN PALAL KODIKAMAM, MEESALAI, POONAKARY, PUTHUR, NAWATKULL KARAINAGAR, PUNGUDUTIVU, VADDUKKODAI, KATTUDAI NALLUR ZONES, JMC TRANSMISSION PIPELINE AND CONSTRUCTION OF OFFICE/ STORE, QUARTERS AT VELANAI, KADDUDAI, NAWATKULL, POKKANAI, POONERY AND KARAVEDDY

CONTRACT NO : PEIC/JKWSSP/NETWORK/2014/02

SUBJECT: Signing of Agreement between NWSDB and RDA

This is in reference to the above mentioned Contract;

We hereby forwarding the agreement (3 copies) between NWSDB and RDA for laying pipeline in the RDA roads under the above Contract for getting signatures from Chairman, NWSDB and Vice Chairman, NWSDB please.



Eng. T. Barathidasan
Project Director -JKWSSP
NWSDB

Entered by Mr. Ag. (No. 1) 12/06/2019
No. 2885 Secretary

PD's OFFICE - NWS & DB	
RECEIVED	
Date: 24 JUN 2019	
Signature:	
By:	Time:
Action: E2 - Nirajan / E2 - Armi /	

18 Adulra
10th follow up with

To: Project Director/JKWSSP

Subject: Agreement between Provincial Road Development Department and National Water Supply and Drainage Board for Excavation and laying of water supply pipes and permanent reinstatement of trenches along RDA roads at Pallai, Kodikamam, Meesalai, Poonakery, Nawatkuli, Puthur, Karainagar, Pungudutheevu, Vaddaukoddal, Kaddudai, Nallur Zone and JMC area.

Hereby we are submitting the 03 copies of above documents for your recommendation and GM's signature accordingly.

Document Prepared By:

Eng.S.Arani: S. Arani

Checked By:

Eng.T.Nirojan: T. Nirojan

Recommended By:

Eng.S.Malathi: S. Malathi

To: Project Director/JKWSSP

Subject: Agreement between Provincial Road Development Department and National Water Supply and Drainage Board for Excavation and laying of water supply pipes and permanent reinstatement of trenches along RDA roads at Pallai, Kodikamam, Meesalai, Poonakery, Nawatkuli, Puthur, Karainagar, Pungudutheevu, Vaddaukoddai, Kaddudai, Nallur Zone and JMC area.

Hereby we are submitting the 03 copies of above documents for your recommendation and GM's signature accordingly.

Document Prepared By:

Eng.S.Arani: S. Arani

Checked By:

Eng.T.Nirojan: T. Nirojan

Recommended By:

Eng.S.Malathi: S. Malathi

AGREEMENT
BETWEEN
ROAD DEVELOPMENT AUTHORITY
AND
NATIONAL WATER SUPPLY & DRAINAGE BOARD

**FOR EXCAVATION AND LAYING WATER SUPPLY PIPES & PERMANENT
REINSTATEMENT OF TRENCHES ALONG RDA ROADS AT PALAI,
KODIKAMAM, MEESALAI, POONAKERY, NAWATKULI, PUTTUR,
KADDUDAI, VADDUKODAI, KARAINAGAR, PUNKUDUTHEEVU, NALLUR
AND JMC TRANSMISSION**

FOR
WATER DISTRIBUTION NETWORKS 2
UNDER
JAFFNA KILINOCHCHI WATER SUPPLY AND SANITATION PROJECT

JUNE 2019

AGREEMENT BETWEEN
ROAD DEVELOPMENT AUTHORITY
AND
NATIONAL WATER SUPPLY & DRAINAGE BOARD

This agreement is made and entered into this ^{4th}.....¹³..... day of
.....¹⁴..... 2019 in the Democratic Socialist Republic of Sri Lanka.

BY AND BETWEEN

Road Development Authority, a Corporation incorporated under the Road Development Authority Act. No. 73 of 1981 of Sri Lanka and having its principal office at "Sethsiripaya" Battaramulla. (hereinafter called and referred to as the "RDA" and which term or expression shall mean and include the said " Road Development Authority " or its successors and permitted assigns of the one part.)

AND

National Water Supply & Drainage Board, a corporate body duly established under the provisions of the National Water Supply & Drainage Board Law No. 02 of 1974 of Sri Lanka and having its Head office at Galle Road, Rathmalana, Colombo. (Hereinafter called and referred to as " NWS&DB" and which term or expression shall mean and include the said "National Water Supply & Drainage Board" or its successors and permitted assigns of the other part.)

It has become necessary to make provision for reinstatement of excavated section of the under mentioned RDA road to the entire satisfaction of RDA due the to trenching works undertaken by the NWS&DB in respect of laying water supply pipes by the NWS&DB.

No	Name of the Road	Distance (m)
1	AB 18 – Palali Road	5,876
2	A 20 – Jaffna Point Petro Road	9,458
3	AB 14 – Manipai Keerimali Road	3,219
4	AB21- Jaffna Ponnalai Road	1,189
5	B230 – Kokuvil Vaddukodai Road	1,920
6	B 170 – Kaddurvan Mallakam Road	690
7	B 437 - Vallai Thellipalai Road	5,388
8	B192 – Kaluthaipaddi Road	128



9	AB 39 - Kurikadduvan Pungudutheevu Road	7,688
10	AB 17 - Manipai Karainagar Road	4,226
11	B 197 - Karainagar Circular Road	2,910
12	B 33 - Atchuvely Road	420
13	B 380 - Puttur Chunnakam Road	2,250
14	AB 31 - Kodikamam Point pedro Road	2,440
15	A9 - Jaffna Kandy Road	34,388
16	B 74 - Kachchai Road	506
17	B75 - Point pedro Road	1,884
18	B268 - Manipai Ponnalai Road	1,520
19	AB 32 - Puttur Meesalai Road	3,800
20	B357 - Paranthan Poonakery Road	4,260
21	A32 - Mannar Jaffna Road	10,200
Total		104,360

- Details of above Pipe laying and road crossings are in annex V.

NOW THIS AGREEMENT WITNESSETH: that the RDA and the NWS&DB have mutually agreed as follows:

1. The approval is requested by the NWS&DB for trenching of - above mentioned Roads of RDA in view of undertaking the above project.
2. NWS&DB shall hold the responsibility to rectify all the defects, which might occur as a result of trenching until the completion of the maintenance period of Twenty four calendar months from the date of handing over of the duly reinstated sections back to RDA. The defect correction / rectification shall be completed within a period of one week from the date of notification given by RDA or the period agreed by the Provincial Director (Northern Province) RDA with the NWS&DB. The RDA will make arrangements to rectify the defects using the fund deposited under clause 37 if NWS&DB fails to do so.
3. The NWS & DB shall hold responsibility to carry out permanent reinstatement of all excavated section as per the annexure I, II & III conforming to the specifications and entire satisfaction of the RDA. This shall include disposal of excess excavated materials and taking responsibility to any damages caused to the adjoining properties, road structures, etc. This shall confirm that the normal existing road condition is re-established before handing over of the completed sections back to RDA.



The length of handing over sections and the dates will be decided upon the mutual agreement between the Provincial Director (Northern Province), RDA and the Project Director(JKWSSP), NWS&DB.

4. A comprehensive work programme shall be submitted prior to commencement of the trenching by NWS&DB and it has to be approved by the Provincial Director (Northern Province), RDA. Amended work programme shall be submitted if there is any deviation within the 15% limit of the original programme and the extra amount of variation on supervision for reinstatement is also to be paid to RDA by the NWS&DB.
5. Daily work programme along with the previous day progress and the Weekly programme shall be submitted to the Project Engineer, RDA indicating the locations, time period, machines utilized, etc. prior to commencing the work. In addition, the NWS&DB shall submit a method statement for execution and the reinstatement work.
6. Width and depth of the trench shall be according to drawing submitted by NWS&DB.
7. Road surface shall be cut by the asphalt concrete Rotary Cutter where ever the AC overlay sections is met along the trench.
8. Trenching across the road will be allowed only after getting the consent of the respect Engineer, RDA. The Project Engineer, RDA shall inform the respective Executive Engineer, RDA with regard to this.
9. All excavated materials shall be disposed and back filled with good quality fully saturated sand up to a minimum of - 300mm or more - above the pipe crest and placed polythene cover / Concrete cover slab on the sand layer for identification. The next portion to be filled and compacted with approved soil (type 1) {CBR shall not be less than 20} /Quarry Dust / Sand / ABC. Then an ABC (Aggregate Base Course) layer shall be filled and compacted to a thickness of 200 mm over the soil (type 1)/ Quarry dust/ Sand/ABC fill, leaving a 250mm portion on top of the trenching for asphaltting. The degree of modified compaction of the layer shall not be less than 100%. Then, the asphalt (Bitumen Bound Base) layer to a minimum thickness of 200mm shall be laid and compacted over the ABC layer after applying the prime coat for the existing surface. Then the asphalt (wearing course) layer to a minimum thickness of 50mm shall be laid and compacted over the Bitumen bound base layer after applying tack coat for the existing surface. (Refer annexure - I)

But, in case, if the asphaltting is undertaken in a separate day due to the difficulty in organizing the asphaltting on the same day itself, the 250mm portion kept for



asphalting be filled with ABC as a temporary measure and compacted and the Prime Coat shall be applied on top of the ABC layer instead of described as above and keep open for traffic until the asphalting is undertaken. It shall be the duty of NWS&DB to ensure that the Primed surface shall be maintained properly until asphalting is undertaken. For undertaking the asphalting on a separate day, the 250mm thickness ABC layer shall be removed and the rest of the ABC layer of 200mm shall be compacted again and verified the degree of compaction shall not be less than 100%. Then, the asphalt (Bitumen bound base) layer to a minimum thickness of 200mm shall be laid and compacted over the ABC layer after applying the Prime Coat for the existing surface and minimum thickness of 50mm asphalt (wearing course) layer shall be laid and compacted over the bitumen bound base layer after applying the tack coat for the existing surface.

The above all work shall abide by the Typical Cross Sections for Trenching and the Reinstatement, submitted by the NWS&DB. The types of the materials shall abide by the following description in accordance with the Standard Specifications of RDA (SSCM)

- i. **Asphalt** - Used as wearing course shall be as Type - I, Table 506 - 1
(The maximum compacted thickness of an asphalt layer shall be 50mm and it shall be laid and compacted with an additional layer if the compacted thickness of the layer increases more than 50mm depending on the thickness of the asphalt layer of the existing road.) The temperature of the asphalt shall be maintained in accordance with the SSCM. The NWS&DB shall submit the mix design (once) for the asphalt used.
 - ii. **ABC** - Table 1701 - 5 (37.5mm)
10. Backfilling of earth shoulders using approved soil (type I & II) shall be accomplished in accordance with RDA specification (CBR shall not be less than 20% & degree of compaction shall not be less than 100% standard compaction) up to the road shoulder level as per the annexure II. But, if the trenching is undertaken along the edge of the Tarred road/Asphalt Concrete road, the trench shall be backfilled by ABC to a thickness of 200mm and compacted followed by laying and compacting of asphalt layer to the level of the existing road level to a thickness of 50mm on to the top of the ABC layer. (Refer annexure - III)
 11. NWS&DB shall carry out compaction tests as per the RDA specification (SSCM) at each and every layer of backfilling in 35m intervals and submit the test reports to RDA for approval. In addition, the NWS&DB shall submit a report for asphalt compaction test in accordance with the 506 SSCM for undertaking the asphalting on each instance. The RDA shall carry out random checks to ascertain the



consistency of backfilling process and shall monitor the work from the commencement to completion of the work.

12. Trenching deeper than 1.5m shall be executed by shoring either side of the trenching for protecting the road from collapsing. NWS&DB shall forward to RDA the methodology statement of such trenching and duly inform the Project Engineer, RDA before commencing the work.
13. Excavated material shall be disposed without causing obstruction to the traffic and pedestrian. On completion of work, all excess material, debris should be removed from the road platform (i.e. carriageway, shoulder, drains, etc.) to the entire satisfaction of the Project Engineer, RDA. No backfilling material shall be allowed to pile along the roadway, which may cause inconvenience to the public.
14. Selections and checking of backfilling material shall be according to specification of RDA & testing of sample materials is to be carried out through Research and Development Laboratory, RDA. The details of the Borrow pits, Metal Quarries / Crushers etc. should be forwarded to RDA and prior approval has to be obtained from the Project Engineer/Material Engineer, RDA for use of the backfilling material. The approved backfilling material is to be transported to a Piling yard(s) from the approved Borrow Pits, Metal Quarries/Crushers, etc. and piled /dumped there. The material is to be issued to the work sites only from these approved heaps.

Weekly report containing the details of the material stock of the piling yard(s) shall be submitted to Project Engineer/Material Engineer, RDA. The Project Engineer/Material Engineer, RDA shall inspect the piling yard for assuring the quality of the backfilling material.
15. Construction of Sub Base and Base shall be carried out as per the specifications of RDA wherever required.
16. Any material dumped on the road surface (without causing inconveniences to the public) due to trenching should be removed and the road thoroughly cleaned immediately after the completing of the work.
17. NWS&DB shall shift the buried pipes at its own cost to the suitable location shown by the RDA within the Right of Way of the RDA if specially required by the RDA when such a situation arises.
18. Excavations will not be allowed during adverse weather conditions, which might deteriorate the existing condition of the road surface and structures.
19. NWS&DB is liable to compensate/pay or rectify for all the defects which may arise due to trenching (vis-à-vis settlement adjoining to the trench, cracks and

damages caused to the road surface and also due to breaking of other service lines and any damage to adjoining properties such as boundary walls, drains, any structures etc.) to the satisfaction of RDA and the affected parties.

20. Proper barricading and safety precautions are to be taken for the safety of the road users while trenching and till completion of the reinstatement. This shall be done as per the manual on traffic control devices Part 1 & 2, August 2007 (Revised edition) published by the National Road Safety Secretariat – Ministry of Highways.
21. Proper illumination /reflective signs (Engineering Grade or higher grade) are to be erected to identify the trenches during night time.
22. Side drains on both sides of the road shoulder not to be blocked for any reasons during and after completion of the work.
23. Pipes should be buried in general at a minimum depth of 1.0 m below the road surface (i.e. 1.0 m below the road surface to top of the pipe crest). Minimum soil cover can be 600mm at specified locations under unavoidable circumstances, and in places where the minimum cover cannot be maintained, the pipe shall be encased in concrete and a minimum cover of 200mm from encasement to road surface and a minimum cover of 100mm from encasement to culvert crest shall be maintained. However, this shall be viewed case by case and prior approval is to be obtained from the Provincial Director (Northern Province), RDA.
24. Approval for the Bridge Crossing shall be obtained separately from the Director Engineering Services, RDA through the Provincial Director (Northern Province), RDA by submitting the required method of crossing details.
25. The relevant Police Station of the area has to be kept informed whether the work is undertaken in the day or night before commencing the work. Besides, arrangements shall be made with Police, if necessary in order to ensure the free flow of traffic during the execution of the trenching work.
26. Prior approval shall be obtained from the respective Executive Engineer, RDA if required for utilization of heavy machinery which may cause and damage to the road surface for any work other than trenching work.(I.e. loading of excavated material, clearing etc. after the reinstatement)
27. The respective Executive Engineer, RDA should be informed before commencing any repair work which are damaged / affected due to trenching such as Road Krebs repairing, Built up drain/Boundary wall repairing, etc. which are damaged / affected due to the trenching along the roads other than trenching reinstatement work.



28. NWS&DB shall hold responsibility for the damages caused to any property or assets as a result of trenching. Besides, damages caused to the properties of RDA shall be repaired by NWS&DB to the satisfaction of the RDA.
29. Working area at a stretch shall be limited to 250m where the road is straight and shall be restricted to 150 m where the road is not so.
30. Manhole shall be re- located if necessary without obstructing the side drains and top surface of the manholes should be made to the same level of the existing road surface. Besides, the top level of the Manhole should be raised to the road level at the cost of the NWS&DB if the level of the existing road is raised in future.
31. If NWS&DB opts to award Sub-contract whether it is labor / material contract for road reinstatement except the Main Contractor, NWS&DB shall forward details of Sub-contractors to Provincial Director (Northern Province), RDA for his approval before awarding the Sub-Contract.
32. The NWS&DB shall abide by the specification issued by the RDA for permanent reinstatement of the trenches.
33. The entire road section is along the road shall be taken over from the respective Executive Engineer, RDA by the NWS&DB before undertaking the trenching work. The NWS&DB shall be fully responsible for maintaining the taken over road section until end of the maintenance period of the project. Further, the NWS&DB shall be responsible for the accidents which might occur because of the trenching due to the failure of abiding by the safety precautions / regulation of RDA. In no way RDA shall carry the responsibility for the same. This procedure shall be in effect until the completed road section is handed over back to the respective Executive Engineer, RDA.
34. The RDA will have the sole authority to suspend and or cancel the work if so considered as non-adherence to the aforementioned clauses.
35. The NWS&DB shall submit detailed "As-Built" drawings immediately after the completion of the Project.
36. The NWS&DB shall pay RDA an amount **Rs.22,495,964.07** equivalent to 05% of the total estimated cost prepared by the RDA for permanent reinstatement of trenches as a supervision charge. This payment shall be made prior to granting the approval of the project.
37. The NWS&DB shall deposit with RDA an amount **Rs 44,991,928.14** equivalent to 10% of the total Estimated cost prepared for permanent reinstatement by the RDA or a Bank Guarantee prior to granting the approval of the project. This Bank Guarantee shall be submitted as a Performance Security for the maintenance period of two years from the

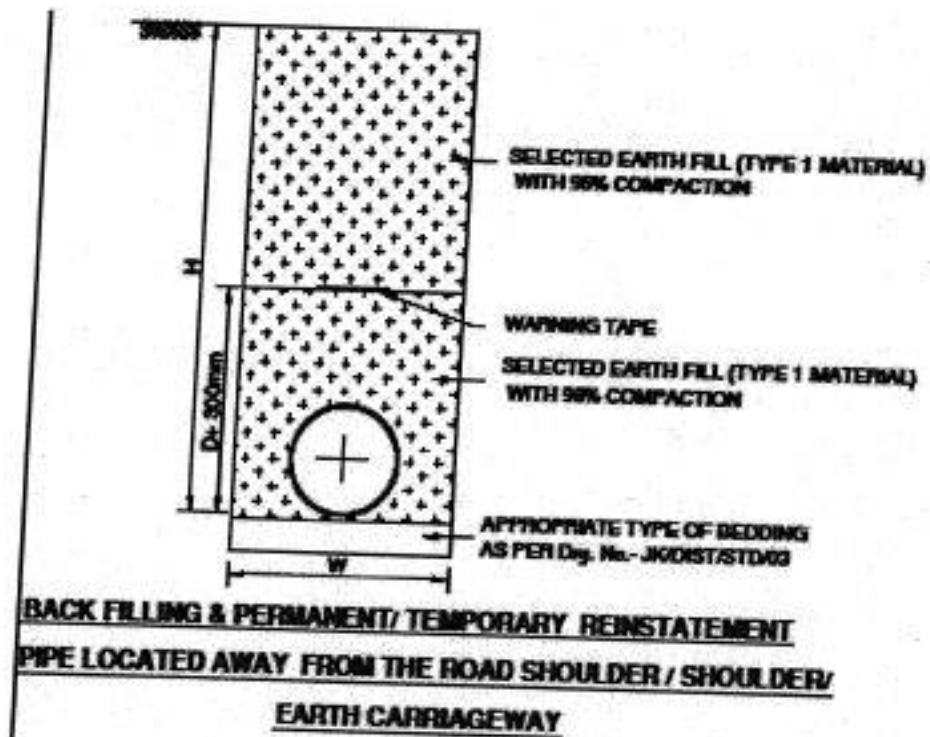


date of handing over of the reinstated road sections back to RDA. The RDA will make arrangements to rectify the defects using this money and the balance of the deposit would be paid back to NWS&DB at the end of the maintenance period as described in Clause 2.

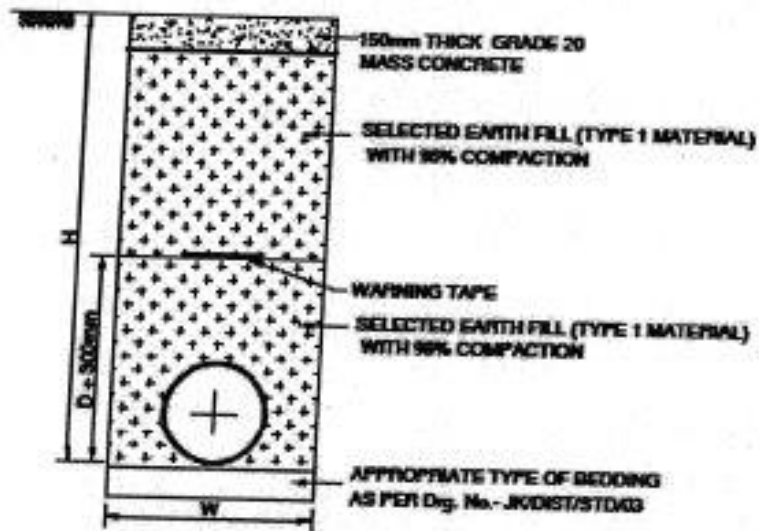
38. The NWS&DB shall insure prior to commencing the project against any loss, damage, death or bodily injury which may occur to any physical property or to any person, which may arise out of the Contractor's performance of the Contract and occurring before the issue of the Performance Certificate and RDA shall be relived by obtaining an insurance cover from all liabilities that may arise under the circumstance described here.
39. If a dispute arises between the two parties (The RDA and the NWS&DB), this should be referred to an arbitrator. The arbitrator shall be appointed in terms of arbitration Act, 1995.
40. This agreement shall be governed and construed in accordance with Law in Sri Lanka.
41. All notices, requests or communications between the parties under this agreement shall be in English by letter signed by an authorized representative of the sending party or by facsimile or E-mail immediately confirmed in writing. All notices shall be considered as validly served if mailed in the form of pre-paid registered letter to the respective addresses herein mentioned or such other address written notice of which has been duly given.
42. Both parties hereto represent and warrant to each other that the signatories of both parties are entitled to sign on behalf of both parties and the rights and obligations of both parties shall be legally valid and binding and enforceable on both parties.
43. Except the Clause 17, the terms of this agreement shall terminate on completion of the maintenance period as described in Clause 2.



ANNEX 1

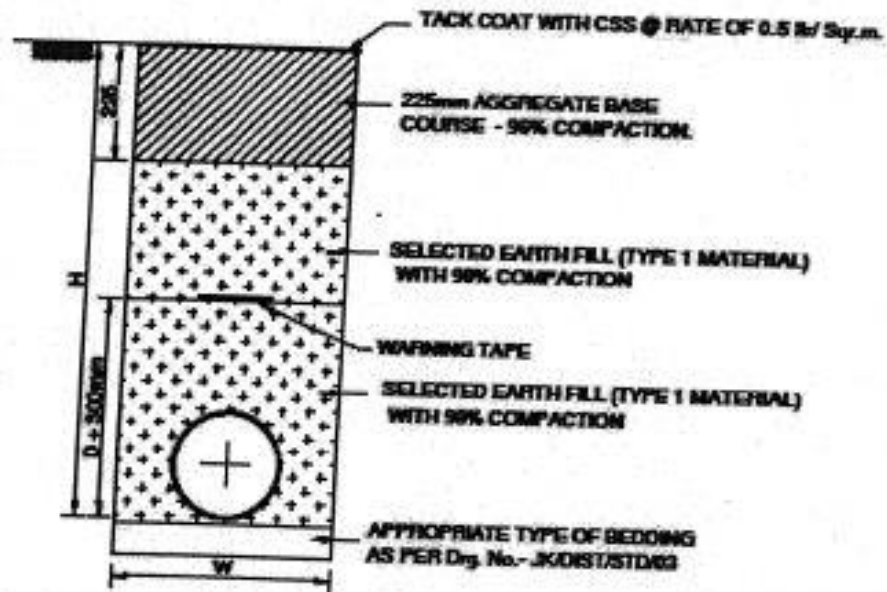


ANNEX 2



BACK FILLING & PERMANENT REINSTATEMENT CONCRETE ROAD

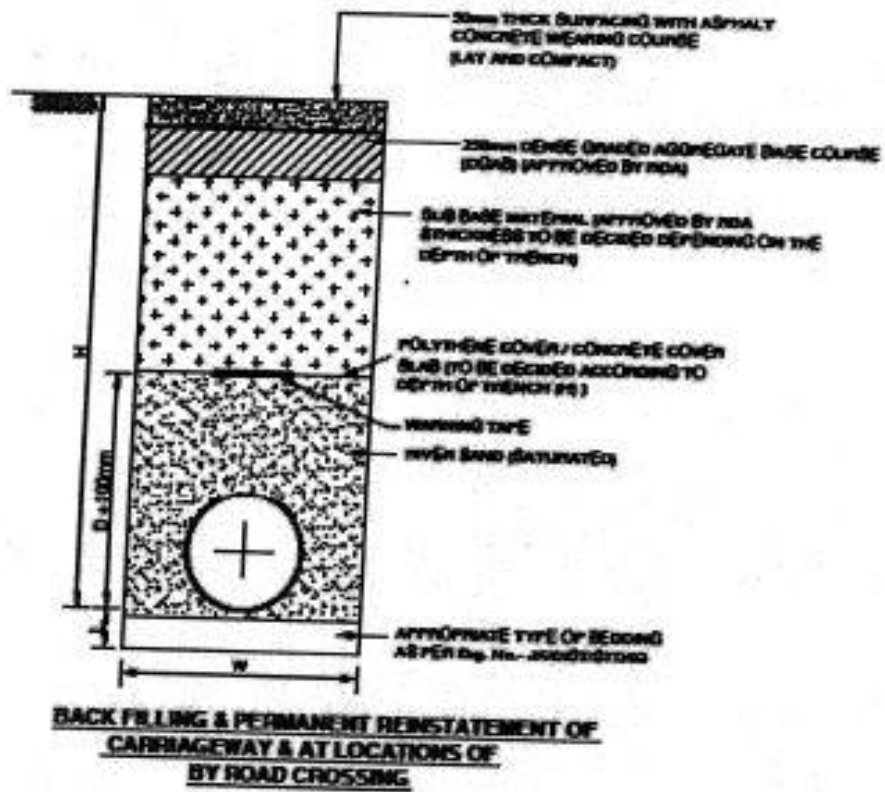
ANNEX 3



BACK FILLING & TEMPORARY REINSTATEMENT
ASPHALT / TARRED ROADS/ CARRIAGEWAY

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ANNEX 4



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Appendix – 2: Pradeshiya Sabha Approval for DN 02 Laying



National Water Supply and Drainage Board

JAFFNA KILINOCHCHI WATER SUPPLY AND SANITATION PROJECT

Project Director's office, MPCS Building (First Floor) 127, KKS Road, Jaffna

Tel: 021-2220256 Fax: 021-2220257 Email: pdjkwssp@gmail.com Web: www.jkwssp.org

My No. PD/JKWSSP/PMCIU/DN 02/80

Date: 12th March 2019

Chairman,
Velanai Pradeshiya Sabha

SUBJECT: REQUEST FOR SEEKING PERMISSION TO LAYING OF DISTRIBUTION PIPE LINE AT PRADESIYA SHABAH ROADS.


SUPPLYING AND LAYING OF DISTRIBUTION NETWORKS IN PALAL, KODIKAMAM, MEESALAI, POONAKARY, PUTHUR, NAWATKULI, KARAINAGAR, PUNGUDUTIVU, VADDUKKODAI, KATTUDAI, NALLUR ZONES, JMC TRANSMISSION PIPELINE AND CONSTRUCTION OF OFFICE/ STORE, QUARTERS AT NAVATKULI, KADDUDAI, VELANAI, POONERY, KARAVEDDY AND POKKANAI
CONTRACT NO: PEIC/JKWSSP/NETWORK/2014/02

While thanking you for your support and assistance for the successful implementation of project.

We would like to bring to your kind attention that the above contract had been awarded to M/s Sierra Construction Ltd and works shall be carryout from May 2019. Further details of pipe laying key plan, back filling and temporary or permanent reinstatement of trenches are annexed. Which comes under purview of Pradeshiya Sabha Roads.

Therefore, we are kindly requesting you to grant the permission for above laying of distribution of pipeline accordingly.

Further, detail kindly contact Eng.T.Nirojan. Ph No: 0776660258 please.


.....
Eng. S. Malathy,
Deputy Project Director (JKWSSP)
NWS&DB.

CC: Commissioner of Local Government : f.y.i.pls
Northern Province



National Water Supply and Drainage Board

JAFFNA KILINOCHCHI WATER SUPPLY AND SANITATION PROJECT

Project Director's office, MPCs Building (First Floor) 127, KKS Road, Jaffna

Tel: 021-2220256 Fax: 021-2220257 Email: pdjkwssp@gmail.com Web: www.jkwssp.org

My No. PD/JKWSSP/PMCIU/DN 02/78

Date: 12th March 2019

Chairman,
Chavakachcheri Pradeshiya Sabha

SUBJECT: REQUEST FOR SEEKING PERMISSION TO LAYING OF DISTRIBUTION PIPE LINE AT PRADESIYA SHABAH ROADS.

SUPPLYING AND LAYING OF DISTRIBUTION NETWORKS IN PALAI, KODIKAMAM, MEESALAI, POONAKARY, PUTHUR, NAWATKULI, KARAINAGAR, PUNGUDUTIVU, VADDUKKODAI, KATTUDAI, NALLUR ZONES, JMC TRANSMISSION PIPELINE AND CONSTRUCTION OF OFFICE/ STORE, QUARTERS AT NAVATKULI, KADDUDAI, VELANAI, POONERY, KARAVEDDY AND POKKANAI

CONTRACT NO: PEIC/JKWSSP/NETWORK/2014/02

While thanking you for your support and assistance for the successful implementation of project.

We would like to bring to your kind attention that the above contract had been awarded to M/s Sierra Construction Ltd and works shall be carryout from April 2019. Further details of pipe laying key plan, back filling and temporary or permanent reinstatement of trenches are annexed. Which comes under purview of Pradeshiya Sabha Roads.

Therefore, we are kindly requesting you to grant the permission for above laying of distribution of pipeline accordingly.

Further, detail kindly contact Eng.T.Nirojan. Ph No: 0776660258 please.


Eng. S. Malathy.
Deputy Project Director (JKWSSP)
NWS&DB.

CC: Commissioner of Local Government : f.y.i.pls
Northern Province



National Water Supply and Drainage Board

JAFFNA KILINOCHCHI WATER SUPPLY AND SANITATION PROJECT

Project Director's office, MPCs Building (First Floor) 127, KKS Road, Jaffna

Tel: 021-2220256 Fax: 021-2220257 Email: pdjkwssp@gmail.com Web: www.jkwssp.org

My No. PD/JKWSSP/PMCIU/DN 02/82

Date: 12th March 2019

Chairman,
Karainagar Pradeshiya Sabha

SUBJECT: REQUEST FOR SEEKING PERMISSION TO LAYING OF DISTRIBUTION PIPE LINE AT PRADESIYA SHABAH ROADS.


SUPPLYING AND LAYING OF DISTRIBUTION NETWORKS IN PALAL, KODIKAMAM, MEESALAI, POONAKARY, PUTHUR, NAWATKULI, KARAINAGAR, PUNGUDUTIVU, VADDUKKODAI, KATTUDAI, NALLUR ZONES, JMC TRANSMISSION PIPELINE AND CONSTRUCTION OF OFFICE/ STORE, QUARTERS AT NAVATKULI, KADDUDAI, VELANAI, POONERY, KARAVEDDY AND POKKANAI
CONTRACT NO: PEIC/JKWSSP/NETWORK/2014/02

While thanking you for your support and assistance for the successful implementation of project.

We would like to bring to your kind attention that the above contract had been awarded to M/s Sierra Construction Ltd and works shall be carryout from May 2019. Further details of pipe laying key plan, back filling and temporary or permanent reinstatement of trenches are annexed. Which comes under purview of Pradeshiya Sabha Roads.

Therefore, we are kindly requesting you to grant the permission for above laying of distribution of pipeline accordingly.

Further, detail kindly contact Eng.T.Nirojan. Ph No: 0776660258 please.


Eng. S. Malathy,
Deputy Project Director (JKWSSP)
NWS&DB.

Eng. S. Malathy
Deputy Project Director
(NWS&DB)
12/3/2019

CC: Commissioner of Local Government : f.y.i.pls
Northern Province



National Water Supply and Drainage Board

JAFFNA KILINOCHCHI WATER SUPPLY AND SANITATION PROJECT

Project Director's office, MPCs Building (First Floor) 127, KKS Road, Jaffna

Tel: 021-2220256 Fax: 021-2220257 Email: pdjkwssp@gmail.com Web: www.jkwssp.org

My No. PD/JKWSSP/PMCIU/DN 02/81

Date: 12th March 2019

Chairman,
Valikamam South West Pradeshiya Sabha.

SUBJECT: REQUEST FOR SEEKING PERMISSION TO LAYING OF DISTRIBUTION PIPE LINE AT PRADESIYA SHABAH ROADS.


SUPPLYING AND LAYING OF DISTRIBUTION NETWORKS IN PALAI, KODIKAMAM, MEESALAI, POONAKARY, PUTHUR, NAWATKULI, KARAINAGAR, PUNGUDUTIVU, VADDUKKODAI, KATTUDAI, NALLUR ZONES, JMC TRANSMISSION PIPELINE AND CONSTRUCTION OF OFFICE/ STORE, QUARTERS AT NAVATKULI, KADDUDAI, VELANAI, POONERY, KARAVEDDY AND POKKANAI
CONTRACT NO: PEIC/JKWSSP/NETWORK/2014/02

While thanking you for your support and assistance for the successful implementation of project.

We would like to bring to your kind attention that the above contract had been awarded to M/s Sierra Construction Ltd and works shall be carryout from May 2019. Further details of pipe laying key plan, back filling and temporary or permanent reinstatement of trenches are annexed. Which comes under purview of Pradeshiya Sabha Roads.

Therefore, we are kindly requesting you to grant the permission for above laying of distribution of pipeline accordingly.

Further, detail kindly contact Eng.T.Nirojan. Ph No: 0776660258 please.


Eng. S. Malathy.
Deputy Project Director (JKWSSP)
NWS&DB.

Eng. T. Nirojan
Deputy Project Director
NWS&DB

CC: Commissioner of Local Government : f.y.i.pls
Northern Province



வலிகாமம் மேற்கு பிரதேச சபை
வலைகாமம் மேற்கு பிரதேச சபை
VALIKAMAM WEST PRADESHIYA SABHA



கழிபுரம்

தலைநகர்

CHULIPURAM

உமது இல
கலை எண்
Your No
சமையல்
வழி எண்
E-mail:

vallwestps@gmail.com

எனது இல
கலை எண்
My No
திகதி
Date

NP/14/41(17)/Req/2019

08.04

PD's OFFICE - NWS & DB	
RECEIVED	
Date: 11 APR 2019	
Signature:	
திரு. V. S. S.	Time:
Action: CH. Balendra	

திட்டப்பணிப்பாளர்,

யாழ்ப்பாணம், கிளிநொச்சி நீர் வழங்கல் மற்றும் கைதர
தேசிய நீர் வழங்கல் சபை.

சபை விதியோரங்களில் திருமுடிபுகள் தாழ்ப்பது தொடர்பானது **A. Thirumala**

மேற்படி விடயம் தொடர்பான, தங்களுக்கு PD/JKWSSP/PMCIU/DN02/83 ஆம் இலக்க
12.03.2019 ஆம் திகதிய கடிதம் சார்பானது,
தங்கள் கோரிக்கை தொடர்பான 15.03.2019 ஆம் திகதிய சபை கூட்டத்தில் 06 ஆம்
இலக்க தீர்மானத்திற்கு அமைவாக குடிநீர் விநியோகமானது எமது பிரதேசத்திற்கு
அத்தியவசியமானது என்பதனால் சபையின் விதிகளுக்கு பாதிப்பு ஏற்படாத வகையில்
வீதி அலுவலகமாக சபை தொழில்நுட்ப உத்தியோகத்திற்குள்ளே ஆலோசனையின்
பிரகாரம் நீர் விநியோக குழாய்கள் நிலத்தில் புதைப்பதற்கு அனுமதிக்கப்படுகின்றது
என்பதைத் தங்களுக்கு அறியத்தருகின்றேன்.

த.ந.பனேந்திரன்

தலைவர்

தர்மலிங்கம் த.ந.பனேந்திரன்

தலைவர்

வலிகாமம் மேற்கு பிரதேச சபை
கழிபுரம்

*pls proceed
and keep copy
at site
pm*

தொலைபேசி இல
Telephone No

021 225 0144

தலைவர்
Chairman

021 225 2284

தொலைநகல் இல
Fax No

021 225 0144

Translation.

Valikamam West Pradeshiya Sabh.

Chulipuram

My No: NP/14/41(17)/Req/2019

Date:08.04.2019

Project Director,
Jaffna Killinochchi Water Supplies and Sanitation Project,
National Water Supplies Board.

Laying water pipes along Roads of the Sabha.

This is in reference to your letter PD/JKWSSP/PMCIU/DN02/83 dated 12.03.2019, regarding the above.
I hereby inform you that as per the decision No.06 arrived at the meeting relevant to your request, held on 15.03.2019, and as the water supply is essential to our area, permission is hereby granted to lay water pipes along the roads of the Sabha, without causing damage to the roads and as per advice of the Technical Officer of the Sabha.

Sgd. T.Nadanenthiran
The Chairman
Vali West Pradeshiya Sabha,
Chulipuram.

Translated by me.


V.P. JOSEPH
Sworn Translator
English - Tamil
No.27, Our Lady of Miracles East Road,
Korumbur, Jaffna.

23/07/2019

Appendix – 3: Agreement with RDD for Jaffna City Distribution



National Water Supply and Drainage Board

JAFFNA KILINCHCHI WATER SUPPLY AND SANITATION PROJECT

Project Director's office, MPCS Building (First Floor) 127, KKS Road, Jaffna

Tel: 021-2220256 Fax: 021-2220257 Email: pdjkwssp@gmail.com Web: www.jkwssp.org

My No: PD/JKWSSP/PMCIU/JC- DN/ 055

Date: 25th March 2021

Provincial Director
Road Development Department
Northern Province
Jaffna

SUBJECT: REQUEST FOR SEEKING PERMISSION TO LAYING OF DISTRIBUTION PIPE LINE AT RDD ROADS

Contract : Supplying and Laying of Water Distribution Networks in Jaffna City Area

Contract No: PEIC/JKWSSP/Distribution Network/2017/01

We would like to bring to your kind attention that the above contract awarded for pipe laying work in Jaffna city area. Details of proposed pipe laying routes under purview of RDD roads in Jaffna City are annexed (refer Annex- 1).

Therefore, we kindly request you to provide date for joint site inspection and submit your cost estimate for supervision charges and refundable deposit accordingly.

The Draft agreement is annexed herewith for your comments please.

Eng.T.Barathithasan

Project Director

Jaffna-Kilinochchi Water Supply & Sanitation Project

National Water Supply & Drainage Board

Jaffna:

Eng.T.Barathithasan
Project Director
JKWSSP

Copy : Team Leader (JKWSSP)

Eng. S. Thanuja, PE, JKWSSP

(No. 0777314990)

f.y.i.pls

Assist and coordinate to arrange joint site visit pls.

**AGREEMENT
BETWEEN
PROVINCIAL ROAD DEVELOPMENT
DEPARTMENT
AND
NATIONAL WATER SUPPLY & DRAINAGE BOARD
FOR
JAFFNA CITY DISTRIBUTION NETWORK
UNDER
JAFFNA KILINOCHCHI WATER SUPPLY AND
SANITATION PROJECT**

March 2021

AGREEMENT BETWEEN
PROVINCIAL ROAD DEVELOPMENT DEPARTMENT (RDD)
AND
NATIONAL WATER SUPPLY & DRAINAGE BOARD

FOR EXCAVATION AND LAYING WATER SUPPLY PIPES & PERMANENT
REINSTATEMENT OF TRENCHES
ALONG RDD ROADS WITHIN JAFFNA MUNICIPAL COUNCIL AREA
FOR JAFFNA - KILINOCHCHI WATER SUPPLY & SANITATION PROJECT

This agreement is made and entered into on day of 2021 at
in the Democratic Socialist Republic of Sri Lanka. This agreement shall be invalid after the expiry of
defects liability period as describe below.

BY AND BETWEEN

Provincial Road Development Department a Department incorporated under the Northern Provincial Council and having its principal office at Jaffna hereinafter called and referred to as the "RDD" and which term or expression shall mean and include the said "Road Development Department" or its successors and permitted assigns of the one part.

AND

National Water Supply & Drainage Board, a body corporate and duly established under the provision of the National Water Supply & Drainage Board Law No. 02 of 1974 and having its Head office at Galle Road, Ratmalana in Sri Lanka and hereinafter called and referred to as "NWS&DB" which term or expression shall mean and include the said "National Water Supply & Drainage Board" or its successors and permitted assigns of the other part.

It has become necessary to make provision for reinstatement of excavated section of the roads to the entire satisfaction of RDD due to trenching work done by the NWS&DB in respect of laying water supply pipes by the NWS&DB.

Jaffna District		
No	Name of the Road	Distance (m)
1	Adiyapatham Road (Kalviyankadu-Kokuvil Road)	993
2	Ariyalai Road (Columbuthurai Ariyalai Sea beach road)	800

NOW THIS AGREEMENT WITNESSETH: That the RDD and the NWS&DB have mutually agreed as follows:

Permission will be granted by the RDD according to the following terms and conditions

TERMS AND CONDITIONS

1. NWS&DB shall be held responsible for reinstatement of all excavated sections conforming to the RDD Specifications applicable to the road works contract and to the entire satisfaction of the RDD. This shall include disposal of excavated materials and taking responsibility to any damages caused to the adjoining properties or road structures or other utilities during the pipe laying & reinstatement period from January 2021 to January 2023.

2. The defects liability period for this work shall be twelve (12) calendar months from the date of handing over of the duly reinstated sections to RDD. NWS&DB shall be held responsible to rectify all defects, which might occur as a result of trenching within the defects liability period. The length of handing over sections and the dates will be decided by mutual agreement of "RDD & NWS&DB". The defects correction shall be completed within the period of three days from the date of instruction given by RDD.

3. A comprehensive programme of work shall be submitted prior to the commencement of trenching. The programme has to be approved by the Provincial Director (RDD) or his authorized representative.

4. Width of the trench shall be according to drawings forwarded by NWS&DB.

5. All unsuitable soil should be directly loaded to the trucks & should be transported to the disposal site.

6. All excavated trenches in the carriageway (of the road to be rehabilitated and at by road crossings) and in shoulders and foot walks, up to 300 mm or half the diameter of the pipe whichever is greater above the pipe crest, shall be reinstated by filling with saturated sand or with any other material and method approved by the RDD. The balance depth of the trenches shall be reinstated as per the material and construction requirements of the RDD Specifications applicable to the ongoing road works contract referred to herein before. Salient details of material and construction requirements are given in Annexes 1, 2, 3 & 4, referred to hereinafter.

7. At excavated trenches in the carriageway (of the road to be rehabilitated and at by road crossings) temporary reinstatement shall be carried out according to the cross section given in Annex 3.

8. At excavated trenches referred to in item 7 in the carriageway of the road to be rehabilitated and at by road crossings, permanent reinstatement shall be carried out according to the cross section given in Appendix 4. In this case the top 50 mm of the Aggregate Base Course already constructed shall be removed, compacted to required density, primed and the 50 mm thick Asphalt Concrete layer shall be laid and compacted.

9. At excavated trenches in shoulders and embankment, reinstatement shall be carried out according to the cross sections given in Annex 1.

10. NWS&DB shall carry out compaction tests at each and every layer of backfilling in 50m intervals or as required by RDD in the presence of RDD's Consultants. RDD's Consultant shall carry out random checks to ascertain the consistency of backfilling process. RDD and RDD's Consultant will fully monitor the work from the commencement to completion of the work.

11. Excavation deeper than 1.0m shall be protected with shoring to protect either side of the road due to such excavations. NWS&DB shall forward the method statement before commencing the work.

12. NWS&DB should carry out the excavation works using method approved by the RDD's Consultant and special care should be taken to avoid damages to the road surface, drains, culverts, kerbs and adjoining properties.

13. Excavation will not be allowed during the adverse weather conditions, which will deteriorate the road surface/shoulder/foot walk and structures rapidly.

14. NWS&DB is liable to compensate/pay or rectify all defects arising due to trenching (Viz settlement adjoining the trench, cracks and damages caused to the road surface and also due to breaking of other service lines and any damages to adjoining properties such as boundary walls, drains, buildings etc.) to the satisfaction of RDD & the affected parties.

15. Proper barricading and safety precautions are to be taken for the safety of the road users while trenching and until permanent reinstatement is done. This shall be done as per the manual on traffic control devices part 1 & 2 published by the National Road Safety Secretariat-Ministry of Highways.

16. Proper illumination/reflective signs shall be installed to identify the trenches during the night time.

17. Any material deposited on the road surface, drains and cover slabs due to trenching should be thoroughly cleaned immediately.

18. Side drains on both sides of the road should not be blocked for any reasons.

19. Pipes should be buried at a minimum depth of 1.0m below the road surface/foot walks/shoulder/embankment (i.e. 1.0m below from the road surface to top of the pipe crest). This minimum depth can be reduced to 600mm at identified locations under unavoidable circumstances. In places where this minimum cover of 600 mm too cannot be maintained, the pipe shall be encased in concrete and a minimum cover of 200mm shall be maintained from top of encasement to road surface/foot walks/shoulders. At culvert crossings the pipes should be encased in concrete with a minimum cover of 100mm from top of encasement to the culvert bed level.

20. Arrangements shall be made with police in order to maintain the traffic for allowing free flow during the execution of the trenching work in carriageway and by road locations and prior approval to be taken from the senior superintendent of Police before excavation.

21. Heavy machinery should not be used for excavation and reinstatement of trenches. Any supply material and excavated soil should not be dumped at road side.

22. RDD will not be held responsible for the damages caused to any property or party as a result of trenching, however, damages caused to the properties of RDD shall be repaired by NWS&DB to the satisfaction of the RDD's Consultant.

23. Working area at a stretch shall be limited to 250m where the road is straight and shall be restricted to 150m where the road is not so,

24. Manhole should be located without obstructing the side drains and top surface of the manholes should be made to the same level of the foot walk or existing road surface/foot walks.

25. Existing water way should not be disturbed at the bridge and culvert location.

26. On completion of work in a particular stretch, all excess material, debris should be removed from the road platform (i.e., carriageway, shoulder, drains etc.,) to the satisfaction of the, RDD and RDD's Consultant

27. If there is any work scheduled to be carried out during night, prior approval to be obtained from the relevant Police Station. Weekly works programme shall be submitted by NWS&DB to Police and RDD's Consultant indicating locations, time period, machines utilized etc.

28. Selections and checking of backfilling materials shall be according to RDD Specifications applicable to the road works contract List of borrow pits, gravel quarries etc. should be forwarded to RDD's Consultant before commencement of the work & approval has to be obtained from the RDD's Consultant. Cost of the Tests and Administration charges to be paid by NWS&DB to RDD.

29. If NWS&DB decides to appoint a sub-contractor for Road Reinstatement instead of the main contractor, NWS&DB should forward details of sub-contractor to RDD for his approval before awarding the contract.

30. The NWS&DB shall abide by the specification issued by RDD applicable to the road works contract for temporary and permanent reinstatement of the trenches.

31. If NWS&DB scheduled to work during night, NWS&DB should take Police Assistance for Traffic Control/Security etc. and NWS&DB shall be liable to pay expenditure/ subsistence etc. of Department of Police and Road Development Department.

32. NWS&DB shall pay RDD (Jaffna) an amount equivalent to of the reinstatement estimate amounting to Rs as cost of testing and RDD administrative fees and should be paid before the commencement of work.

NWS&DB shall complete all works and a proper handing over to be executed with scheduled period to the satisfaction of RDD

(a) NWS&DB shall ensure proper maintenance of the Water Supply System upon completion of this project.

Any leakages or damage to water pipes shall be attended to with least delay after notifying RDD officials concerned.

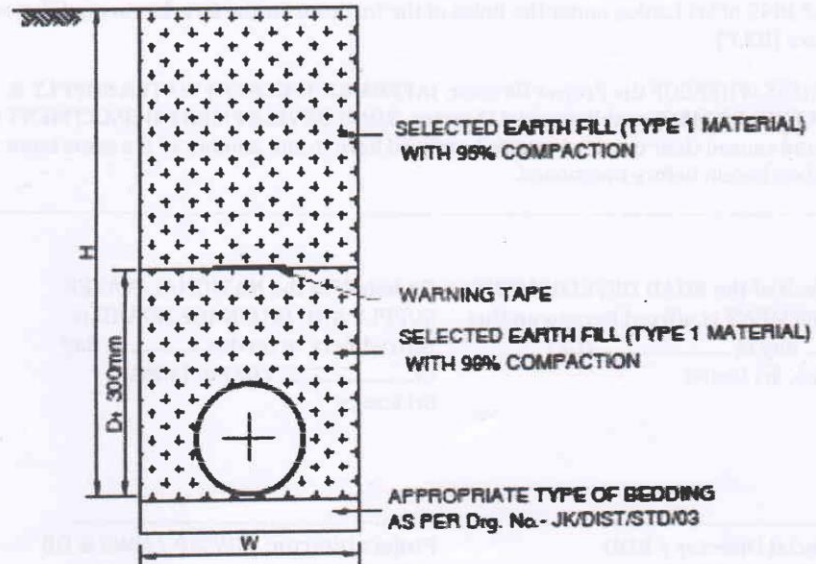
(b) Cost of shifting of water mains for any future widening & rehabilitation under road projects shall be borne by NWS&DB.

(c) Cost of any damages or claims by the Road works contractor against the RDD arising out of the acts of omission or commissions by NWS&DB or its permitted contractors, if approved by the Supervision Consultants, will have to be borne by the NWS&DB.

33. RDD will have the sole authority to suspend and / or cancel the work in case of non-adherence to the aforementioned clauses with due reference to the condition in breach.

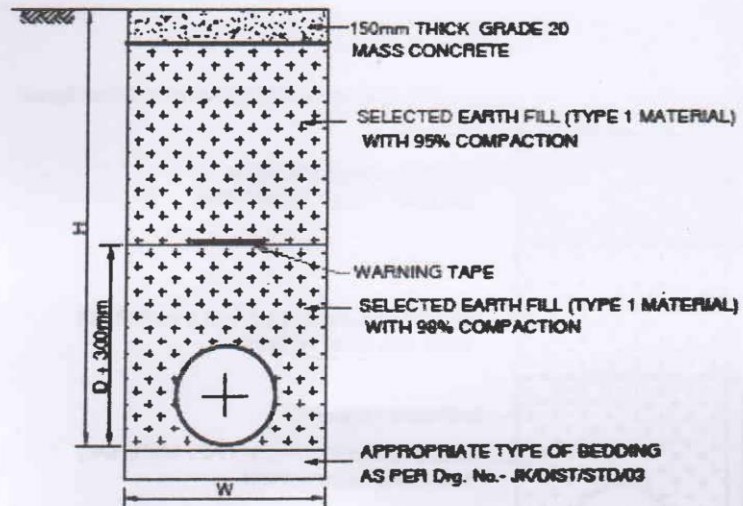
34. After completion of the work, joint inspection to be done with Provincial Director or his authorized representative and Project Engineer (NWS&DB) and proper handing over to be done with "as Built drawings" (three copies and one soft copy) prepared by NWS&DB for pipe laying. (Complete three set of drawings to be submitted and should be prepared reference to Centre Line of the road.)

ANNEX 1



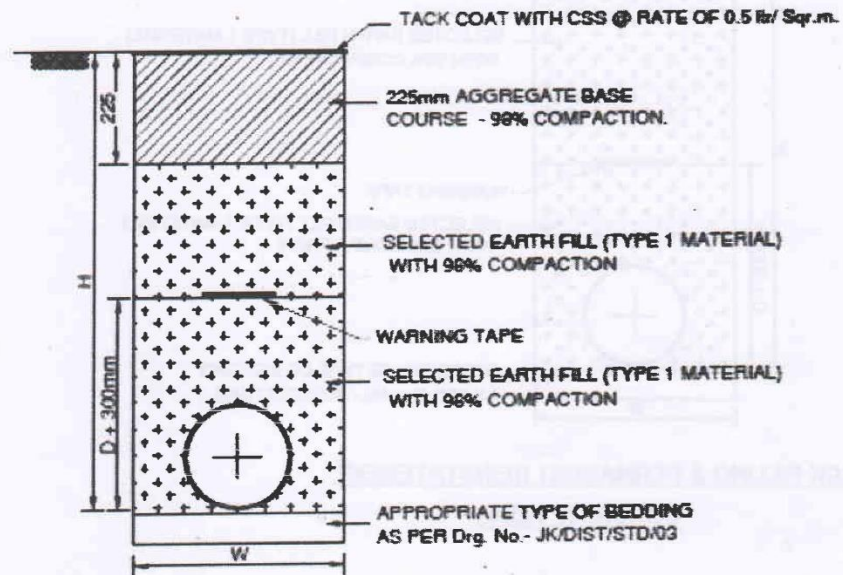
BACK FILLING & PERMANENT/ TEMPORARY REINSTATEMENT
PIPE LOCATED AWAY FROM THE ROAD SHOULDER / SHOULDER/
EARTH CARRIAGEWAY

ANNEX 2



BACK FILLING & PERMANENT REINSTATEMENT CONCRETE ROAD

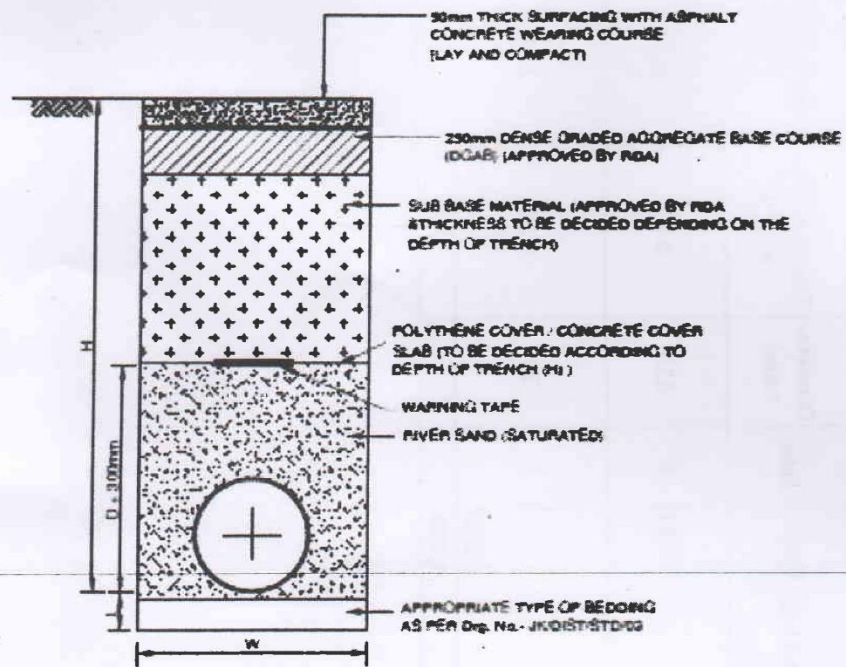
ANNEX 3



BACK FILLING & TEMPORARY REINSTATEMENT

ASPHALT / TARRED ROADS/ CARRIAGEWAY

ANNEX 4

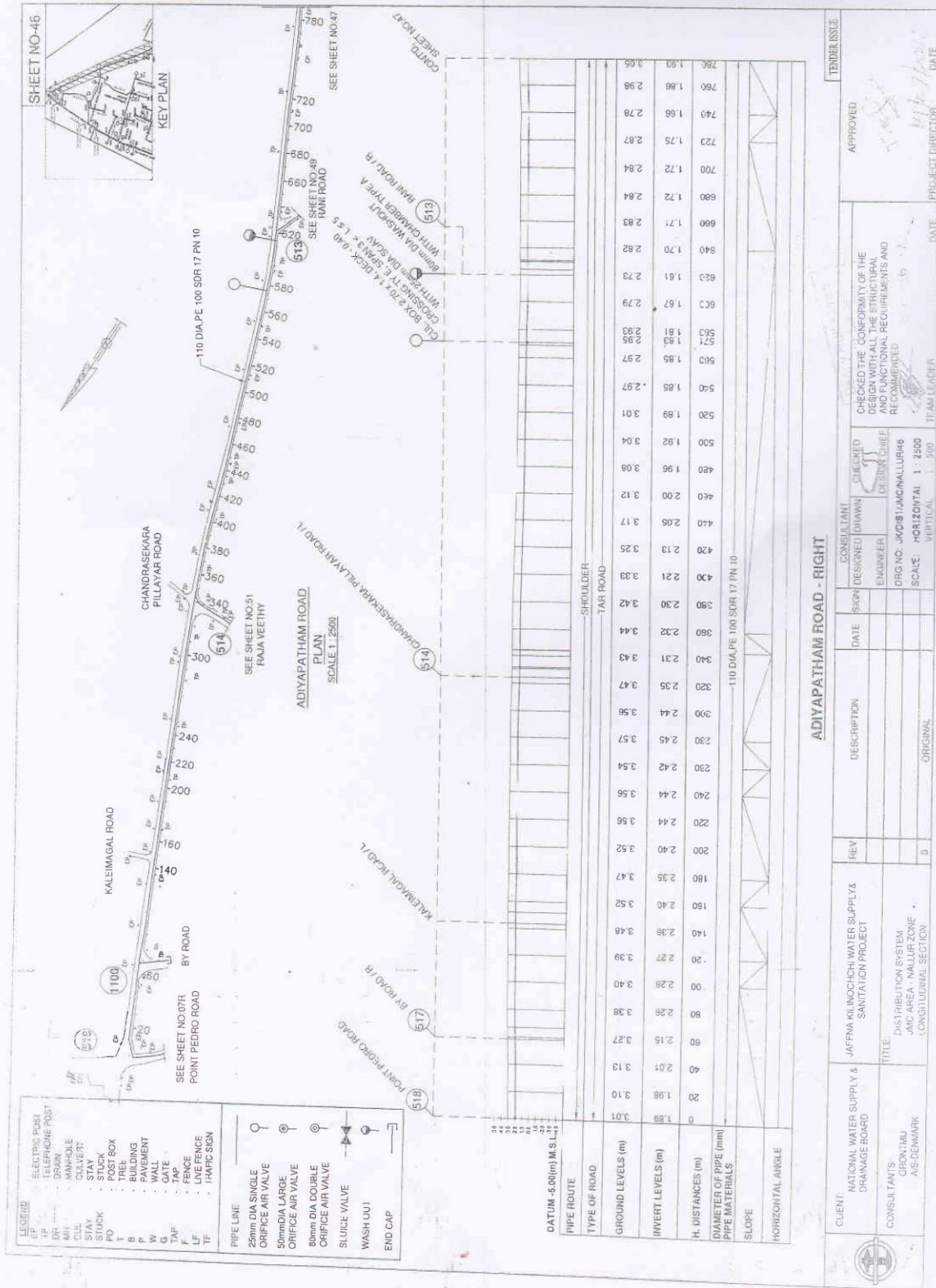


**BACK FILLING & PERMANENT REINSTATEMENT OF
CARRIAGEWAY & AT LOCATIONS OF
BY ROAD CROSSING**

DETAILS OF JAFFNA CITY DISTRIBUTION NETWORK PIPE LAYING IN RDD ROADS

No	Road code	ROAD Name	Total length(km)	Side	Diameter (mm)	Trench width - w (m)	Trench depth-D (m)	Pipe route
1	R 44141 JFC 006	Adiyapatham Road (Kalviyankadu-Kokuvil Road)	0.993	R	110	0.40	1.12	Earth shoulder
3	R 44141 JFC 001	Ariyalai Road(Columbuthurai Ariyalai Sea beach road)	0.800	L	90	0.30	1.00	Earth shoulder
Total			1.793					

R4414 JFC 006
C. Kalivayarkadu, Kottuvil Road
9/10



3/2



ADIYAPATHAM ROAD

PLAN
SCALE 1 : 2500



PIPE ROUTE	SHOULDER
TYPE OF ROAD	ASPHALT ROAD
GROUND LEVELS (m)	3.40 3.38 3.23 3.14 3.07 3.04 2.96 3.04 3.00 3.00 3.11 3.15 3.05
INVERT LEVELS (m)	2.28 2.11 2.02 1.95 1.92 1.84 1.82 1.96 1.88 1.82 2.03 1.93
H. DISTANCES (m)	0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.60
DIAMETER OF PIPE (mm)	110 DIA PE 100 SDR 17 PN 10
PIPE MATERIALS	
SLOPE	
HORIZONTAL ANGLE	

ADIYAPATHAM ROAD

CLIENT: NATIONAL WATER SUPPLY & DRAINAGE BOARD	JAFPA KLINOCCHI WATER SUPPLY & SANITATION PROJECT	REV	DESCRIPTION	DATE	DESIGNED (DRAWN)	CHECKED	CONSULTANT	APPROVED	TENDER ISSUE
CONSULTANTS: GROHML AS-CHENAPAK	TITLE: DISTRIBUTION SYSTEM JMC AREA - NALLUR ZONE LONGITUDINAL SECTION	0	ORIGINAL		ENGINEER	DESIGN CHIEF	DRG NO. JMCST/JMCNALLUR/47	CHECKED THE CONFORMITY OF THE DESIGN WITH ALL THE STATUTORY AND FUNCTIONAL REQUIREMENTS AND RECOMMENDED	PROJECT DIRECTOR
					SCALE: HORIZONTAL 1 : 2500 VERTICAL 1 : 500		TEAM LEADER	DATE	DATE

KEY PLAN
NOT TO SCALE

ARIVALEY ROAD
PLAN
SCALE 1 : 2500

[illegible][illegible]

ARIYALEY ROAD - LEFT

Appendix –4: Request letter to JMC Major for Pipe Laying



National Water Supply and Drainage Board

JAFFNA KILINNOCHCHI WATER SUPPLY AND SANITATION PROJECT

Project Director's office, MPCS Building (First Floor) 127, KKS Road, Jaffna

Tel: 021-2220256 Fax: 021-2220257 Email: pdjkwssp@gmail.com Web: www.jkwssp.org

My No: PD/JKWSSP/PMCIU/JC- DN/ 002

Date: 07th July 2020

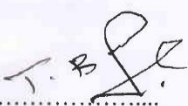
Commissioner
Jaffna Municipal Council

KEY MAP OF JAFFNA CITY DISTRIBUTION NETWORK

Supplying and Laying of Water Distribution Networks in Jaffna City Area
PEIC/JKWSSP/Distribution Network/2017/01

This is in reference to the meeting with Government Agent (Jaffna) held on 03rd July 2020 regarding the Jaffna City Distribution Network with the participation of stakeholders.

Hereby we are requesting to grant permission to lay the Jaffna City Distribution Network pipe line along JMC roads. Proposed detail for laying refer annexed drawings.


.....
Eng. T. Barathithasan
Project Director
JKWSSP

Eng. T. Barathithasan
Project Director
Jaffna-Kilinochchi Water Supply & Sanitation Project
National Water Supply & Drainage Board
Jaffna.

Appendix – 5: Photographs of Damages during the Pipe Laying

Temporaray Damages occurred during the excavation



Mrs. A. Jegatheeswary's House Boundary wall
damaged and Letter submitted



Mr.K.Kanesh House Boundary wall cracked
and Letter submitted



Mr.N. Balasingam's House Boundary wall
cracked and Letter submitted



Mr.M. Kathiruthamby's access road was damaged and rectification required

Appendix – 6 : Request Letter sent to Telecom and Electricity Board



National Water Supply and Drainage Board

JAFFNA KILINOCHCHI WATER SUPPLY AND SANITATION PROJECT

Project Director's office, MPCs Building (First Floor) 127, KKS Road, Jaffna

Tel: 021-2220256 Fax: 021-2220257 Email: pdjkwssp@gmail.com Web: www.jkwssp.org

My No: PD/JKWSSP/PMCIU/JC DN/128

Date: 28th June 2021

Deputy General Manager (N)
Telecom Pvt Ltd
Pannai Road,
Jaffna

CONTRACT NAME : SUPPLYING AND LAYING OF WATER DISTRIBUTION
NETWORK IN JAFFNA CITY AREA

CONTRACT NO : PEIC/JKWSSP/Distribution Network/2017/01


REQUEST: SHIFTING THE TELECOM POSTS AT WYMAN ROAD AND SANKILIYAN ROAD

First of all we are thanking for your support and guidance providing for the successful implementation of Jaffna Kilinochchi Water Supply and Sanitation Project.

Further, I would like to bring your kind notice that, the above contract was awarded to M/s. NCC Ltd and the contractor is carrying out the pipe laying works at Wyman Road and observed that, the following SLT post obstacles to our pipe route and there is a need to shifting of Telecom Post urgently. Details of the posts are as follows

S.No	RDA Chainage	Side	Location	Shifting/ Replace
1	0+048	LHS	Wyman Road	To be shifted
2	0+108			
3	0+177.5			To be replaced
4	0+350			

Therefore, please send the cost estimation to shift / the replace of the telecom posts without further delay in order to make the payment and commence the pipe laying works accordingly.


.....
Eng. T. Barathithasan
Project Director
JKWSSP, Jaffna

Eng. T. Barathithasan
Project Director
Jaffna-Kilinochchi Water Supply & Sanitation Project
National Water Supply & Drainage Board
Jaffna.

Copy: 1. Project Manager, M/s. NCC Ltd
2. Project Engineer, JC - DN

- F.y.i & n.a.pls
- F.y.i.pls



National Water Supply and Drainage Board

JAFFNA KILINOCHCHI WATER SUPPLY AND SANITATION PROJECT

Project Director's office, MPCS Building (First Floor) 127, KKS Road, Jaffna

Tel: 021-2220256 Fax: 021-2220257 Email: pdjkwssp@gmail.com Web: www.jkwssp.org

My No: PD/JKWSSP/PMCIU/DN JC/127

Date: 28th June 2021

Chief Engineer,
Ceylon Electricity Board,
DGM's Office,
Old Park
Jaffna

CONTRACT NAME : SUPPLYING AND LAYING OF WATER DISTRIBUTION
NETWORK IN JAFFNA CITY AREA

CONTRACT NO : PEIC/JKWSSP/Distribution Network/2017/01

SUBJECT: REQUESTING SHIFTING THE ELECTRICITY POST

First of all we are thanking for your support and guidance providing for the successful implementation of Jaffna Kilinochchi Water Supply and Sanitation Project.

Further, I would like to bring your kind notice that, the above contract was awarded to M/s. NCC Ltd and the contractor waiting to proceed the pipe laying works at Wyman Road and Sangiliyan Road due to the Electricity post obstacles to our pipe route and there is a need to shifting the post immediately in order to carry out the works. Details of the post is as follow


1. At Wyman Road

1. At Wyman Road				
S.No	RDA Chainage	Side	Location	Shift/Replace
1	0+108	RHS	Wyman Road	To be replaced
2	0+145			To be shifted
3	0+170			To be replaced
4	0+435			
5	0+048	LHS		To be shifted
6	0+108			
7	0+177.5			
8	0+350			To be replaced

2. At Sankiliyan Road

S.No	RDA Chainage	Side	Location	Shift/Replace
1	0+700	LHS	Sankiliyan Road	To be shifted
2	0+676			
3	0+596			
4	0+578			
5	0+544			
6	0+414			

Therefore, please send the cost estimation to shift/ replace the electricity posts without delay in order to make the payment to proceed the shifting/ replacing works and commence the pipe laying works.


.....
Eng.T.Barathithasan
Project Director
JKWSSP
Jaffna

Eng.T.Barathithasan
Project Director
Jaffna-Kilinochchi Water Supply & Sanitation Project
National Water Supply & Drainage Board
Jaffna.

Copy: 1. Project Manager,M/s NCC Ltd
2. Project Engineer, JC -DN

- F.y.i & n.a.pls
- F.y.i.pls

Appendix – 7: Pipe Laying Progress



Appendix – 8: GRC Members details in all DS Divisions

This Committee is supported to record and resolve grievances regarding the ongoing project under the guidance of the Divisional Secretary. The members of this existing GRC are given below.

18.05.2012 - Poonakary (01)

- Chairman - Mr. K. S. Vasanthakumar, DS, Poonakary
- Vice Chairman - Mr. V. Sokkanathan, ADP, Poonakary
- Secretary - Mrs. S. Mary Masdolona, Secretary, Poonakary Pradeshiya Sabha
- Members
 1. Mr. V. Chandralogarasingam (PS Members)
 2. Mr. S. Sanmuganathan (Farmers Organization)
 3. Mr. A. Iyampillai (FO)
 4. Mr. S. Thavarasa (GS, Pallikudah)
 5. Mr. J. Josephrajan, (CEA)

22.05.2012 - Pachilaipallai (02)

- Chairman - Mr. S. Sathiyaseelan, AGA, Pallai
- Vice Chairman - Mr. K. Jeyakumar, ADP, Pallai
- Secretary - Mr. S. Sivapragasam, Secretary, Pallai Pradheshiya Sabha
- Members
 1. Mr. S. Puwanaraja, GS, Palai
 2. Mr. S. Mathanatharshan, RDS Leader, Palai
 3. Mr. Y. Vedanayagam, GS, Puloppalai
 4. Mr. Nickelalas, RDS Leader, Puloppalai
 5. Mr. V. Ganesharatnam, Leader, Puloppalai West

08.06.2012 - Chankanai (05)

- President - Mr. Sothinathan, Divisional Secretary, Changanai.
- Vice President - Mr. Latheesan, MOH
- Secretary - Ms. U. Sambavi, Sec, PS
- Members
 1. K. Iyalingam, Araly FO Leader
 2. Mr. N. Sithamparanathan
 3. Mr. S. Gopalakrishnan, Chankanai UrbanD
 4. Ms. K. Savithri, DO, Tholpuram
 5. Mr. R. Sreerajan, GS
 6. Mr. NadanaShanmuganathan, FO, Araly

15.06.2012 - Sandilipay (06)

- President - Ms. U. Yasotha, Divisional Secretary, Sandilipay.

- Vice President - Ms. V. Niranjala, ADP
- Secretary - P. Sivalingam (PS Secretary)
- Members
 1. S. Mohanamurali (FO Navali South)
 2. R. Manoharan (RDS Uyarapulam)
 3. K. Kandaswamy (RDS Vadaliyadaipu)
 - S. Sivakumar (Kaddudai)
 - C. V. P. M. K. Muthaliyar (FO Manipay West)
 - 6 K. Ezhilchelvan (Navali GS)
 7. P. Niruban (Sandilipay Central GS)
 8. A. Nishanthan (Anaikoddai GS)

04.07.2012 - Karachchi (07)

- Chairman - Mr. G. Nageswaran, AGA, Karachchi
- Secretary - Mr. S. B. Amalarasa, ADP, Karachchi
- Members -

1. Mr. K. Sivanewaran, RDS Leader Vaddakachchi
2. Mr. N. Sabanayagam, Teacher, Akkarayan
3. Mr. K. Navaratnarajah, RDS Leader, Akkarayan Centre,
4. Mr. S. Vihirthan, ID/ TO Mokshanathan, Rajakanthan)
5. Mr. S. Baskeran, Vaddakachchi, Farmer
6. Mr. Mahendiran, GS, Skanthapuram,

06.07.2012 - Karainagar (08)

- President - Mrs. T. Babu, DS, Karainagar
- Vice President - Miss. R. Ratneswary, ADP, Karainagar
- Secretary - Mr. K. Kanagathurai, Secretary, Karainagar Pradheshiya Sabha
- Members

1. Mrs. T. Rajeshwary (WRDS - J/48)
2. Mr. K. Thambiah (RDS J/42)
3. Mr. S. Suganthan (J/42)
4. Mr. M. Suganthakumar (J/47)
5. Mr. S. Prabhakaran (J/46)
6. Mr.R. Thirupugaloorsingham (J/44)

13.07.2012 - Delft (09)

- President - Mr. A. Shree, DA, Delft
- Vice President - Mr. Gnanaharan, DO
- Secretary - Mr. S. Thambirasa
- Members

1. Mr. A. Arunthavaseelan, Youth Club Leader
2. Mr. E. Mayilvahanam, PS Member
3. Mrs. P. Damayanthi, WRDS Leader, 01 ward
4. Mr. C. Edward Rasa, PS Member
5. Mr. K. Sivananthan, PS Member
6. Mr. Christopher Kamaliyal Mudaliyar, Ward no 09
7. Mr. P. Kathiresan, 14th Ward
8. Mr. K. Pageerathan, 4th Ward
9. Mrs. S. Thavaranjani, 05th Ward
10. A. W. Ariyanayagam, 11th Ward

23.08.2-12 - Kayts (10)

- President - Mrs. E. Anton Yoganayagam DS Kayts
- Vice President - Mrs. Sutharshana ADP Kayts
- Secretary - Mr. S. Sutharjan Secretary, PS
- Members

1. Mr. V. Vadivalagaiyan (Analaithivu GS)
2. Mr. A. Aarooran (Eluvaithivu GS)
3. Mrs. R. Jovita (J/54 SDO)
4. Mr. M. P. P. Albert (Vice Chairman PS)
5. Mr. I. Sivanesapillai (RDS Leader J/56)
6. Mr. V. Ahilan (RDS J/60)
7. Mr. V. Vijayanesan (Land Use)
8. Mr. T. Franklin (Graduate Trainee)
9. Mrs. K. Thaiyaljanaki (J/60 Women's Society)

15.11.2012 – Jaffna (11)

- President - Divisional Secretary
- Vice President - Asst Director Planning
- Secretary - Sociologist, NWSDB
- Members

1. Mr. S.Sriskantharajah - GS Admin
2. Mr.U.Jeya (WRDS)

3. Mr.K.Yogaratnam, GS – J/68
4. Mrs.K.Chandramathy, SDO
5. Mr. Michal, UDA
6. Mr.V.Vincent, RDS
7. Mr.R.Kethanan, RDS
8. Ms.G.Logitha - LO
9. Mr.T.Mayooran, LO

28.11.2012 – Nallur (12)

- President - Divisional Secretary
- Vice President - Asst Director Planning
- Secretary - Sociologist, NWSDB
- Members

1. Mr.S.Sivalingam , Admin Officer for GSs
2. Mr.P.Tharshananth , GS
3. Ms.A.Ranjanithevi, President, WRDS
4. Mr.K.Rathnapoopathy, Community Leader
5. Ms.T.Rasamani, Retired GS
6. Ms.M.Mohanaluxmy, DDO
7. Mrs.R.Moothini, DO
8. Mrs.S.Ahila, GS- J/104 & 105

19.12.2012 – Kopay (13)

- President - Divisional Secretary
- Vice President - Asst Director Planning
- Secretary - Secretary, Pradeshiya Sabha
- Members

1. Mr. S. Jeyaseelan MOH,
2. Mrs. Colasteena Jeyathas (Land Officer)
3. Mr. Naguleswaran (GS) - Watharawathai
4. Mr. Gobalathas GS – Puttur East
5. Mr. S. Sinnathambi (RDS – Puttur East
6. Ms. Komathi (WRDS Puttur East)
7. Ms. Shiyamala (GS Awarangal East)
8. Mr. P. Sureskumar (Samurdhi Manager)
9. Mr. T. Thavarasa (RDS – Atchuvelli South)
10. Mr. Suthakar (Economic Development Trainee)

09.01.2012 – Chavakachcheri (14)

- President - Divisional Secretary.
- Vice President - Asst Director Planning
- Secretary - Secretary, Pradeshiya Sabha
- Members

1. Mr. S. Jeyaseelan MOH,
2. Mrs. Colasteena Jeyathas (Land Officer)
3. Mr. Naguleswaran (GS) - Watharawathai
4. Mr. Gobalathas GS – Puttur East
5. Mr. S. Sinnathambi (RDS – Puttur East
6. Ms. Komathi (WRDS Puttur East)
7. Ms. Shiyamala (GS Awarangal East)
8. Mr. P. Sureskumar (Samurdhi Manager)
9. Mr. T. Thavarasa (RDS – Atchuvelli South)
10. Mr. Suthakar (Economic Development Trainee)

29.05.2013 – Velanai (15)

- President - Divisional Secretary.
- Vice President - Asst Director Planning
- Secretary - Sociologist (JKWSSP)
- Members

1. Mr. P. Sabanayagam, J/07
2. Mr. C. Ratneswaran, GS J/10
3. Mr. K. Gangaiveniyan, J/17
4. Mr. K. Markanduthasan, J/16
5. Mr. P. Seevarathnam, J/13
6. Mr. K. Ganesalingam, GS J/20
7. Mr. A. Sanmuganathan, J/22
8. Mr. K. Sreeskantha, J/28
9. Mr. K. Santhira, GS J/24
10. Mr. T. Kogularuban, GS J/34
11. Mr. S. Pararuban, J/24
12. Mr. P. Sreeskantha, J/30

30.05.2013 – Karaveddy (16)

- President - Divisional Secretary.
- Vice President - Asst Director Planning
- Secretary - Secretary, Pradeshiya Sabha

- Members

1. Mr. V.K.Shanmuganathan, AO for GSs
2. Ms.L.Thanuja, GS – J/366
3. Mr.P.Elankeeran, EDO
4. Mr. M.S.Sabanayagam, RDS- Nellyadi
5. Mr.M.Manivarnan, Predeshiya Saba
6. Mrs.V.Thevamalarchelvi, WRDS
7. Ms.S.Selvamalar, WRDS
8. Ms.J.Sivajini, DO