

TNSUDP
Environmental Screening Report

1. Project Town: Rasipuram

2. Sub-Project: *Construction of storm water drain, culvert and Improvement of BT road*

3. Brief Introduction & Background

Rasipuram Municipality is First Grade Municipality in Namakkal District and an extent of 8.15 Sq. Km. with population of 50244. It is situated at above 25 Km. from Salem at 25 Km. from Namakkal. This Town is divided in to 27 wards. The main occupation of the people is manufacturing of Ghee, Handloom Silk Sarees and Good Educational Institutions. Rate of water supply at present in 93 LPCD. Length of road in this town is 68.789 Km.

4. The Project Objectives and Need

This town has 68.789 km length of Roads. At Present under IUDM 2013-14 UGSS Scheme is under progress at an estimate cost of Rs 55.42 Crores and Water supply Improvement scheme is under Progress at an Estimate cost of Rs.15.66 Crore. Now Water supply Improvement scheme work was completed (36.15 Km length of water supply pipe line work) and UGSS work is in progress (52.94 Km length of underground sewerage work have been completed). Hence these pipe line cuttings causes highly inconvenience to Public and vehicular traffic. Rain water also stagnated in to pipe line pit which leads to breeding of Mosquitoes. Hence it is essentially need to improve the existing BT Road.

5. Proposed Project

In the following Roads are very damaged from providing of UGD and water supply pipe lines. This road is one of the Bus playing one way roads. Hence we considered to Construction the damaged Culverts, drains and providing the new road for this Road.

| Sl. No | Description | Length of Road (In Metre) | Width of road (In Metre) | Type of Road | | Length of Drain | Renovation / Raising | No of Culvert |
|--------|-------------------|---------------------------|--------------------------|--------------|----------|-----------------|----------------------|---------------|
| | | | | Existing | Proposed | | | |
| | Package -1 | | | | | | | |
| 1 | West colony | 379.00 | 6.00 | BT | BT | 150.00 | Renovation | 1 |
| 2 | Kumarasamy Street | 411.00 | 6.00 | BT | BT | 100.00 | Renovation | 1 |
| 3 | Kumarasamy lane | 127.00 | 4.00 | CC | CC | 127.00 | Raising | |

| Sl. No | Description | Length of Road (In Metre) | Width of road (In Metre) | Type of Road | | Length of Drain | Renovation / Raising | No of Culvert |
|-------------------|--|---------------------------|--------------------------|--------------|----------|-----------------|----------------------|---------------|
| | | | | Existing | Proposed | | | |
| 4 | Sivan Koil Street Near Koil | 120.00 | 4.00 | BT | CC | 120.00 | Raising | 1 |
| 5 | Sivan Koil Street up to Arch | 200.00 | 6.00 | BT | BT | 200.00 | Raising | 1 |
| 6 | EB Colony | 200.00 | 5.00 | BT | BT | - | Nil | |
| 7 | Indra Colony | 720.00 | 6.00 | BT | BT | 720.00 | Raising | |
| Package -2 | | | | | | | | |
| 1 | Swami sivanandha salai (Angels colony Vidhyanigethan school west side) | 1050.00 | 6.00 | BT | BT | 400.00 | Renovation | 4 |
| 2 | Mutthusamy Street | 130.00 | 3.80 | BT | CC | 130.00 | Raising | |
| 3 | Singan Lane | 152.00 | 6.00 | BT | BT | 100.00 | Renovation | 1 |
| 4 | Valppa street | 152.00 | 5.50 | BT | BT | 152.00 | Raising | |
| 5 | Annamar Street | 112.00 | 4.50 | CC | CC | 112.00 | Raising | |
| 6 | Santhuveeri street | 217.00 | 5.00 | BT | CC | 217.00 | Raising | |
| 7 | MSP Subrayan Street & ERA Ramalingam Street | 110.00 | 6.00 | CC | BT | 110.00 | Raising | |
| 8 | Anumantha street | 150.00 | 6.00 | BT | BT | 150.00 | Raising | |
| Package -3 | | | | | | | | |
| 1 | Vallar Salai up to Kattanachampatty | 500.00 | 6.00 | BT | BT | 500.00 | Raising | |
| 2 | Subramaniam Nagar & Kesavan Layout | 600.00 | 6.00 | BT | BT | 600.00 | Raising | |
| 3 | Kamatchi amman koil street | 120.00 | 5.00 | CC | CC | 120.00 | Raising | |
| 4 | Vaithiyalingam Street | 90.00 | 6.00 | BT | BT | 90.00 | Renovation | 1 |
| 5 | Amaichar Govindhasamy street (Perumal koil street) | 320.00 | 6.00 | CC | CC | 320.00 | Raising | |
| 6 | Ramasamy Street 1,2,3,4 | 692.00 | 5.00 | BT | BT | 400.00 | Renovation | 4 |

| Sl. No | Description | Length of Road (In Metre) | Width of road (In Metre) | Type of Road | | Length of Drain | Renovation / Raising | No of Culvert |
|-------------------|-----------------------------------|---------------------------|--------------------------|--------------|----------|-----------------|--------------------------------|---------------|
| | | | | Existing | Proposed | | | |
| Package -4 | | | | | | | | |
| 1 | Housing Board | 375.00 | 7.30 | BT | BT | - | Nil | |
| 2 | Weavers colony | 400.00 | 5.00 | BT | BT | 400.00 | Raising | |
| 3 | Ellappa Colony | 275.00 | 6.00 | BT | BT | 275.00 | Renovation | |
| 4 | Koneripatty Ex.no 1 | 305.00 | 6.00 | CC | CC | 305.00 | Raising | |
| 5 | Koneripatty Ex.no 2 | 600.00 | 6.00 | BT | BT | 600 | Raising | |
| 6 | MettuKadu Road | 375.00 | 6.00 | BT | BT | 50/325 | Renovation 50m Raising 325m | 1 |
| 7 | Kamaraj Colony (Koneripatty) | 300.00 | 7.00 | BT | BT | 300.00 | Raising | |
| Package -5 | | | | | | | | |
| 1 | Marappan thottam (EB Office Road) | 450.00 | 5.00 | BT | BT | - | - | |
| 2 | V.Nagar Road No 2 | 370.00 | 5.00 | BT | BT | 370.00 | Renovation | 3 |
| 3 | V.Nagar Road No.3 | 320.00 | 5.00 | BT | BT | 320.00 | Renovation | 3 |
| 4 | V.Nagar Road No 9 | 310.00 | 6.00 | BT | BT | 310.00 | Raising | |
| 5 | V.Nagar Road No 10 | 190.00 | 7.00 | BT | BT | 190.00 | Raising | |
| 6 | Subraya street | 163.00 | 4.20 | CC | CC | 163.00 | Raising | |
| 7 | Nanjappa street | 108.00 | 3.00 | CC | CC | 108.00 | Raising | |
| 8 | Angamma koil street | 120.00 | 5.00 | BT | CC | 120.00 | Raising | |
| 9 | Sekkadi street | 130.00 | 4.50 | BT | CC | 130.00 | Raising | |
| Package -6 | | | | | | | | |
| 1 | Thattan kuttai Road | 650.00 | 6.00 | BT | BT | 650.00 | Raising | 2 |
| 2 | Kamaraj Nagar | 480.00 | 6.00 | BT | BT | 480.00 | Raising | |
| 3 | Angalamman Koil Kattur Road | 1010.00 | 7.00 | BT | BT | 1010.00 | Raising | 2 |
| 4 | Malli Street | 262.00 | 5.00 | BT | CC | 262.00 | Raising | |
| Total | | 13745.00 | | | | 13745.00 | | |

6. Environmental Screening

In this project there are no trees and plants trees are not available. The lake and water bodies are not available in the proposed road and drainage area. There are no religious features in this proposed area.

The dismantled materials are disposed to the low laying of earthen road areas and stones area reused for the other works.

7. Permissions/ Clearances

There is not arising to get the permission from the other department.


Commissioner,
Rasipuram Municipality



**TNSUDP
ENVIRONMENTAL SCREENING FORM**

Name of the Borrower: Rasipuram municipality

Project location : Rasipuram

Project : Construction of Storm water drain and Improvement of BT Road

| Project Components | | | | |
|------------------------|--|--|----|---------|
| Sl.no | Components | Details | | |
| 1 | Brief description of the project proposal | The Project is improvement of Roads and drains. There are very damaged providing of UGD and water supply pipe lines. This roads are very important connecting to major roads in the town. Hence, we considered to Construction the damaged Culverts, drains and providing the new roads in Rasipuram Municipality. | | |
| 2 | Number of project sites and Project components | 41 Roads are proposed for this project. Components:- New Drainage, Culvert, Raising of Drain, Improvement BT or CC Roads. | | |
| 3 | Details of Alignment and Component | This project is a renovation work. Hence there is no alignment and components are not arising. | | |
| 4 | Location of the Project Sites & Current Use (Provide information for all sites involved in the project) | Rasipruam Municipality. The all sites are under usage of the Public. | | |
| Biological Environment | | | | |
| Sl.no | Components | Yes | No | Details |
| 5 | Is the project adjacent to any of the following (Provide information for all sites and alignment of the project) | | No | |
| (i). | Cultural Heritage site | | No | |
| (ii). | Protected Area | | No | |
| (iii). | Wet Land/ Mangrove/ Estuarine Region | | No | |
| (iv). | Natural Forests | | No | |
| (v). | Other Sensitive Environmental Components as listed in ESMF | | No | |
| (vi). | Residences, schools, hospitals etc | | No | |
| (vii). | Drinking water source, upstream and downstream uses of rivers etc | | No | |
| (viii). | Lowlying areas prone to flooding / areas of Tidal Influence (CRZ) | | No | |

| | | | | |
|-----------------------------|--|------------|-----------|-----------------------------|
| 6. | Does the proposed project could cause the following | | | |
| (i). | Impact on Surrounding Environmental Conditions | | No | |
| (ii). | Degradation of land / eco-systems | | No | |
| (iii). | Loss or impacts on Cultural / heritage properties | | No | |
| (iv). | Water Resource Problems | | No | |
| (v). | Pollution of Water bodies / ground water | | No | |
| (vi). | Cutting of Trees / Loss of Vegetation | | No | |
| (vii). | Health & Safety Risks in the neighbourhood | | No | |
| (viii). | Potential risk of habitat fragmentation due to the clearing activities? (eg. Hindrance to the local bio diversity like disturbing the migratory path of animals/ birds etc.) | | No | |
| Physical Environment | | | | |
| | Components | Yes | No | Details |
| 7 | Will the project affects the River flow pattern, stream pattern or any other irrigation canal? | | No | |
| 8 | Water quantity? Estimated usage of water quantity for the project | Yes | | 7.20 MLD of water to be use |
| 9 | Estimated energy consumption for the project activities | | No | |
| 10 | Any other resources proposed to be utilized for project activity? (eg., ground water) | | No | |
| Geology / Soils | | | | |
| | Components | Yes | No | Details |
| 11 | Does the project activity involve cutting and filling/ blasting etc...? | | No | |
| 12 | Will the project cause physical changes in the project area (e.g., changes to the topography) due to excavation, earthwork etc...? | | No | |
| 13 | Will the project involve any quarrying/ mining etc? | | No | |

| Pollution | | | | |
|------------------------------------|---|-----|----|--|
| | Components | Yes | No | Details |
| 14 | Will the project use or store dangerous substances (e.g., large quantities of hazardous chemicals/ materials like Chlorine, Diesel, Petroleum products etc...)? | | No | |
| 15 | Will the project produce solid or liquid wastes? | Yes | | Dismantling of existing damage Damaged drains. |
| 16 | Will the project cause air pollution or increase in emission of pollutants? | | No | |
| 17 | Will the project generate or increase noise? | | No | |
| 18 | Will the project generate water pollution (water bodies/ groundwater)? | | No | |
| 19 | Will the project cause construction Hazard to workers/ residents | | No | |
| 20 | Is there a potential for release of toxic gases or accident risks | | No | |
| Environmental Enhancement Measures | | | | |
| | Components | Yes | No | Details |
| 21 | Has the Project design considered the following? | | | |
| (i). | Is the project design considering energy conservation measures/ energy recovery options? | | No | |
| (ii). | Is the project considering waste minimisation or waste reuse/recycle options? | | No | |
| (iii). | Has the project design considered RWH or any other environmental enhancement measure? | | No | |
| (iv). | Has the project design considered extreme events, drought, flood, natural disasters? | Yes | | These structures are have stabilities for any natural disasters. |
| General | | | | |
| 22 | Please indicate whether any other features of the project that could influence ambient environment | | No | |
| 23 | Has any consultation with the public or stakeholders been conducted? | | No | |

Date: 14.08.2020

Signature and name of the Borrower
COMMISSIONER.

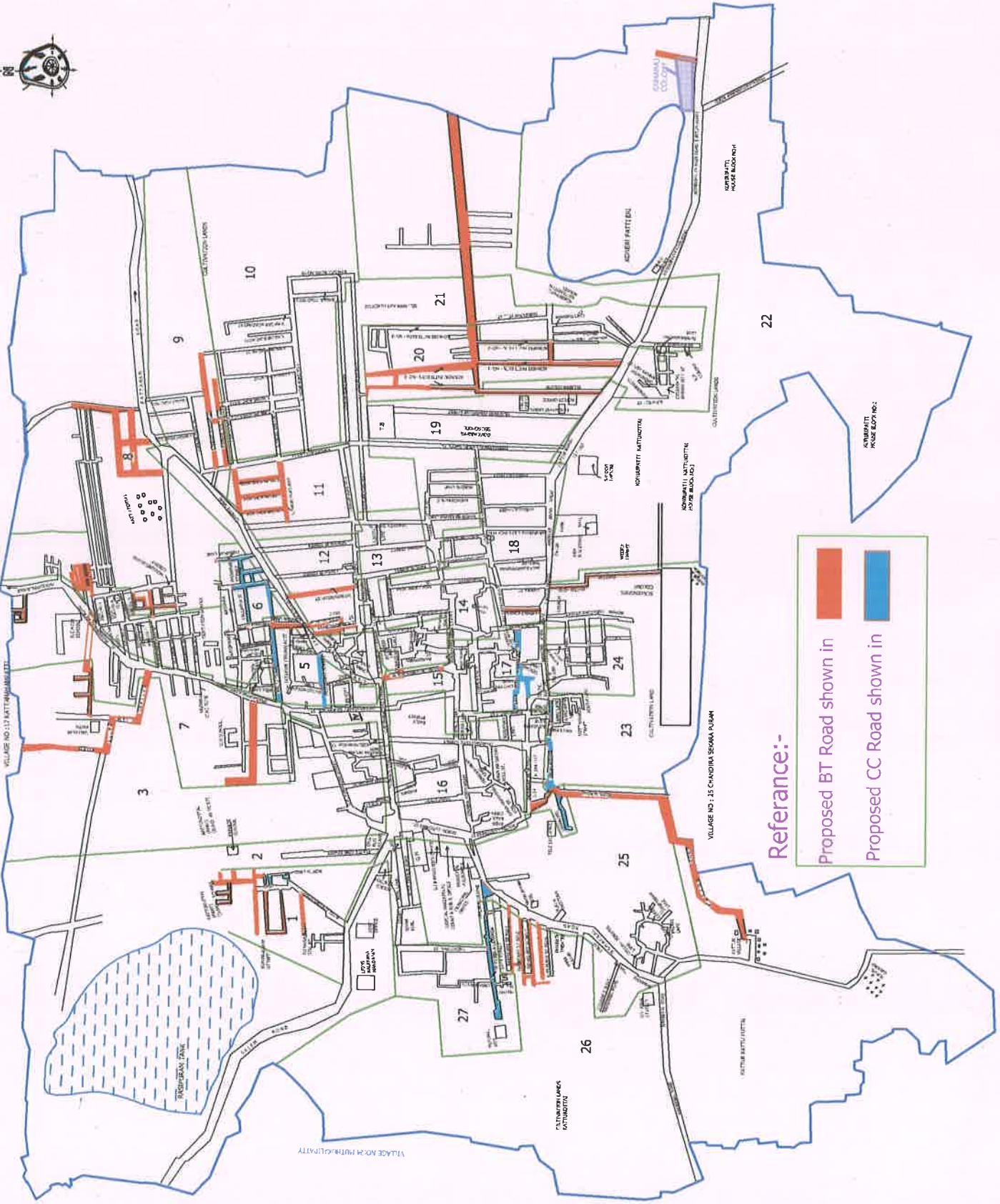
SASIPURAM MUNICIPALITY.

14/8/20

RASIPURAM MUNICIPALITY TOWN MAP

TNSUDP 2020-21

EXTENT - 2.85 Sq. Miles



Reference:-

| | |
|---|---------------------------|
|  | Proposed BT Road shown in |
|  | Proposed CC Road shown in |