

ERODE CITY MUNICIPAL CORPORATION
TNSUDP
ENVIRONMENTAL SCREENING FORM

Name of the Borrower : Commissioner, Erode City Municipal Corporation
 Project location : Erode
 Project : Improvements to Roads

Project Components		
Sl. No	Components	Details
1.	Brief description of the project proposal	<p>Implementation of Underground Drainage Sewerage Scheme and Dedicated Water Supply Scheme to these roads have been fully / partial damaged due to the excavation for Main line system and due to the trench excavation for house service connection. This entire cut open portion has been restored with adequate provision to avoid settlement after relaying the road. Hence these streets have to restore for public use and for traffic, with black topping Roads.</p> <p>The proposed B.T surface the existing damaged road to fit for traffic vehicular movement, with reference to traffic intensity and nature of soil, it is necessary to strengthen the stability of road by improving CBR value so as to carry the heavy vehicles.</p> <p>Picking the road in existing BT surface upto 50mm thick ISS metal. Providing and laying, spreading and compacting grade stone aggregate to WMM. Providing and laying Prime coat of 7 Kgs/10 Sqm over the WMM surface treated with primer. Providing and laying tack coat of 2.5 Kgs/10 sqm over the WMM surface treated with binder. Providing and laying tack coat of 2.0kgs/10</p>

		sqm over the BT surface treated with binder. Providing and laying DBM 50mm compacted thick Dense Bituminous Macadam. Providing and laying Bituminous Concrete to 30mm thick. Raising the existing UGSS manhole cover upto proposed road level. Conveyance of excess excavated and surplus earth.
2.	Number of project sites and Project components	146 Nos Total Length of Proposed Road - 30.290 km Proposed Width of Roads - 3.75m to 14.50m
3.	Details of Alignment and Component	Provided in Town Map
4.	Location of the Project Sites & Current Use (Provide information for all sites involved in the project)	<ol style="list-style-type: none"> 1 Rayapalayampudur 2 Kumilamparapu 3 Sengunthapuram Vaikkal road 4 Palakattur to verapannadiur link road 5 Revenue colony-crosst street No.1 6 Cross street No.2 7 Cross street No.3 8 Cross street No.4 9 Edukha street(hospital road) 10 ..do.. 11 ..do.. 12 Su kavalasu main road 13 East side road 14 Cross street No.1 15 Cross street No.2 16 Cross street No.3 17 Cross street No.4 18 Kamala nagar East cross street 19 kamala nagar west side road 20 .. Do.. 21 .. Do.. 22 .. Do.. 23 Cross street No.2 24 Cross street No.3 25 Cross street No.4

		26	Cross street No.5
		27	Ramamoorthinagar main road
		28	Ramamoorthinagar cross road
		29	RamamoorthinagarPd shop road
		30	Gangapuram NH to school
		31	GangapuramKovil to NH Junction
		32	PP Garden Main Road (From 50 ft junction East to west)
		33	North to south Main Road
		34	East to west Main Road
		35	North to south Main Road Park junction
		36	PP Garden West side 1st cross
		37	West side 2nd cross
		38	East to west Main Road
		39	South to north west side cross street
		40	East to west cross street
		41	North to south Main Road
		42	PP Garden between Park Road
		43	North to south Main Road PP Garden school
		44	PP Garden North side 1st cross
		45	PP Garden North side 2nd cross
		46	PP Garden South side cross
		47	South side cross
		48	North to south Main Road Thendral Nagar
		49	Nallithottam Main Road Manickampalayamkovil to Amman Nagar junction
		50	Nallithottam Main Road (Amman Nagar junction to Velusamy street)

	51	Main Road (West side 3rd cross East to west)
	52	Main Road (West side 4th cross East to west)
	53	Main Road (West side 3rd cross North to south to Nallithottam junction)
	54	Nallithottam East side 4th cross West to east
	55	Nallithottam East side 5th cross West to east
	56	Subramaniasiva 1st street
	57	Subramaniasiva 2nd street
	58	Kothukkarar street
	59	Kongu Nagar 1st cross
	60	Kongu Nagar 2nd cross
	61	BankkararThottam East to West Road
	62	BankkararThottam North to south Road
	63	Thilakar 1st street
	64	Thilakar 3rd street
	65	Muthu Samy Street
	66	Nehru Street
	67	Brindha street
	68	Agilmedu 2nd street
	69	West HanumantharaiyanKovil Street
	70	East HanumantharaiyanKovil Street
	71	South HanumantharaiyanKovil Street
	72	West perumalkovil street
	73	East perumalkovil street
	74	Velusamy street
	75	Vairam Street
	76	Nali Hospital Road
	77	Velli street
	78	pavalam street
	79	Seerangam street
	80	Ondikaranpalayam main Road
	81	Nasiyanur road cross street
	82	Golden City Street 1
	83	Golden City Street 2

	84 Golden City Street 3
	85 Golden City Street 4
	86 Golden City Street 5
	87 Golden City Street 6
	88 Madikarar colony Street 1
	89 Madikarar colony Street 2
	90 Madikarar colony Street 3
	91 Muthampalayam pond approach road .
	92 Annaikattu cross street
	93 Annaikattu cross street
	94 Palayapalayam opp. ration shop cross street
	95 IndharaGandhi Street II
	96 IndharaGandhi Street II
	97 Sathyamoorthi street
	98 Sathyamoorthi street
	99 Thiruvalluvar street
	100 Thiruvalluvar street
	101 Pandiyan street
	102 Pandiyan street
	103 West Ambathkar street
	104 Thiruveeka cross streets
	105 Thiruveeka cross streets
	106 Periyar Nagar E-block main road
	107 Power house road
	108 Kamaraj street-1
	109 Kamaraj street-2
	110 Kamaraj street-4
	111 Kamaraj street-5
	112 Kamaraj street-6
	113 Kasthuribhai street
	114 Valliammai street
	115 Thilagar Street
	116 Monika Hospital Road
	117 Indira gandhi Street
	118 Anna durai Street
	119 AvinasiGounder Street
	120 VinayakarKoil Street
	121 Periyakadu Cross Road
	122 Thiru.Vee.Ka Street
	123 PuthukalliValasu Main road

	124 Ration Shop Road
	125 Kollampalayam Housing Unit Main road 1
	126 Kollampalayam Housing Unit Main road 2
	127 Tank Tank Cross Road 1
	128 Park Area Cross Road 2
	129 Tank Backside Cross Road 10
	130 Kollampalayam Booster Road
	131 Golden Villa Street
	132 VIP Thamarai Nagar 2
	133 Kuppusamy Street
	134 Vaigai Nagar
	135 Tamil Nagar Main Road
	136 Agathiyar street
	137 Kamatchikadu
	138 SS Layout
	139 VVCR Nagar 2nd Street
	140 AyyanarappanKovil street
	141 Radhakrishnan street
	142 Valayakkara street
	143 Marimuthu street
	144 Molagoundanpalayam Road
	145 Molagoundanpalayam Main Road
	146 Kalyanasundaram street

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)			
(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	Yes		There are residential, hospitals, schools, etc., which are provided connectivity by Proposed roads
(vii)	Drinking water source, upstream and downstream uses of rivers etc	Yes		Cauvery River
(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	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				
Sl. No.	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		No	
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...?	Yes		Damaged Roads will be Cut and levelled.
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?		No	
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 cause construction Hazard to workers/ residents		No	Necessary PPE will be used
19.	Is there a potential for release of toxic gases or accident risks		No	
Environmental Enhancement Measures				
	Components	Yes	No	Details
20.	Has the Project design considered the following?		No	
(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?		No	

General				
21.	Please indicate whether any other features of the project that could influence ambient environment.		No	
22.	Has any consultation with the public or stakeholders been conducted?	Yes		The roads are requested by Public

Date: .09.2020.

19.9.20
EE

19/09/2020

Commissioner,
Erode City Municipal Corporation.

Enclosures: (Provide maps with the geographical location of the project; and a appropriately-scaled map clearly showing the project area and project sites with land use, existing buildings, infrastructure, vegetation, adjacent land use, utility lines, access roads and any planned construction, as required).

TNSUDP

Environmental Screening Report

1. **Project Town** : Erode City Municipal Corporation
2. **Sub-Project** : Improvements to Roads.
3. **Brief Introduction& Background** :

Erode Town is the headquarters of Erode District, in Tamil Nadu State which was bifurcated from the Coimbatore district in the year 1979. The town is located at a distance of 100km East of Coimbatore and its close proximity to the west bank of Cauvery River.

Erode Town was Constituted as a Municipality in the year 1871. It was elevated as a Special Grade Municipality on 01.03.1981 and upgraded as Corporation with effect from 01.01.2008 with an extent of 8.35 Sq.Km. The Corporation area has been extended as per the Tamilnadu Government order No.51, MAWS Department dated.17.03.2010, with the inclusion of local bodies adjacent to Erode, such as Kasipalayam, Veerappanchathiram, Surampatty, Periyasemur (IIIrd Grade Municipalities) B.P.Agraharam, and Suriampalayam (Town Panchayats) and Thindal, Ellapalayam, Villarasampatti, Gangapuram and Muthampalayam (Panchayats). The extended Corporation area is effective from October 2011, after the local body elections. Now the total extent of the Erode City Municipal Corporation is 109.52Sq.km and is divided in to 60 wards.

The Corporation has 133 Nos (Notified 87, Unnotified 46) of slum packets with total slum population is 88,620 (Notified 31,840, Un notified 56,780).

The population of Erode City Municipal Corporation with the inclusion of adjacent four Municipalities, two Town Panchayats and five Village panchayats was 4,05,446 as per 2001 census and increased to 4,98,469 as per 2011 census.

4. The Project Objectives and Need:

It is proposed to B.T surface the existing damaged road to fit for traffic vehicular movement, with reference to traffic intensity and nature of soil. It is necessary to strengthen the stability of road by improving CBR value so as to carry the heavy vehicle. Further it is to state in this existing B.T the improvement of Dedicated Water Supply Scheme and Underground Drainage Sewage Scheme in process and the centre of road has been damaged due to the excavation for Main line system and due to the trench excavation for house service connection. This entire cut open portion has been restored with adequate provision to avoid settlement after relaying the road. Hence these streets have to restore for public use and for traffic, with block topping.

5. **Proposed Project :**

Project Description

Roads:

<i>Total Number of Streets</i>	<i>146 Nos</i>
<i>BT Roads</i>	<i>146 Nos</i>
<i>CC Roads</i>	<i>-</i>
<i>Earthern Roads</i>	<i>-</i>
<i>Total Length of Roads</i>	<i>30290 M</i>

Storm water Drains

<i>Renovation</i>	<i>3 Nos</i>
<i>New</i>	<i>-</i>
<i>Total Drains Length</i>	<i>1640 M</i>

Road Details:

S. No	Name of the Proposed road	Road length in (m)	Existing Road width in (m)	Proposed road width in (m)
1	Rayapalayampudur	520.00	5.25	5.25
2	Kumilamparapu	2000.00	4.75	4.75
3	SengunthapuramVaikkal road	120.00	5.15	5.15
4	Palakattur to verapannadiur link road	490.00	4.95	4.95
5	Revenue colony-crosst street No.1	140.00	5.30	5.30

6	crosst street No.2	175.00	5.80	5.80
7	crosst street No.3	130.00	4.90	4.90
8	crosst street No.4	98.00	5.20	5.20
9	Edukha street(hospital road)	475.00	6.00	6.00
10	..do..	75.00	5.15	5.15
11	..do..	300.00	5.10	5.10
12	Su kavalasu main road	300.00	5.20	5.20
13	East side road	200.00	5.00	5.00
14	crosst street No.1	315.00	5.20	5.20
15	crosst street No.2	305.00	6.20	6.20
16	crosst street No.3	280.00	4.90	4.90
17	crosst street No.4	250.00	4.90	4.90
18	Kamala nagar East cross street	400.00	5.60	5.60
19	kamala nagar west side road	45.00	5.40	5.40
20	.. Do..	30.00	5.40	5.40
21	.. Do..	120.00	5.40	5.40
22	.. Do..	45.00	5.40	5.40
23	crosst street No.2	100.00	5.00	5.00
24	crosst street No.3	100.00	5.50	5.50
25	crosst street No.4	200.00	5.70	5.70
26	crosst street No.5	200.00	6.00	6.00
27	Ramamoorthinagar main road	300.00	5.50	5.50
28	Ramamoorthinagar cross road	155.00	5.00	5.00
29	RamamoorthinagarPd shop road	445.00	6.10	6.10
30	Gangapuram NH to school	580.00	10.00	5.00
31	GangapuramKovil to NH Junction	290.00	8.50	4.00
32	PP Garden Main Road (From 50 ft junction East to west)	60.00	7.00	5.50
33	North to south Main Road	105.00	7.50	5.00
34	East to west Main Road	125.00	8.00	5.50
35	North to south Main Road Park junction	175.00	9.00	6.00
36	PP Garden West side 1st cross	70.00	7.00	4.50
37	West side 2nd cross	60.00	7.00	5.00
38	East to west Main Road	95.00	9.00	5.50

39	South to north west side cross street	100.00	7.00	5.00
40	East to west cross street	50.00	7.00	5.00
41	North to south Main Road	90.00	9.00	6.00
42	PP Garden between Park Road	80.00	7.30	5.00
43	North to south Main Road PP Garden school	230.00	9.00	5.50
44	PP Garden North side 1st cross	80.00	7.50	5.00
45	PP Garden North side 2nd cross	75.00	9.00	5.00
46	PP Garden South side cross	55.00	9.00	5.00
47	South side cross	40.00	7.00	5.00
48	North to south Main Road Thendral Nagar	200.00	9.00	6.00
49	Nallithottam Main Road (Manickampalayamkovil to Amman Nagar junction)	90.00	6.00	5.00
50	Nallithottam Main Road (Amman Nagar junction to Velusamy street)	240.00	9.00	6.00
51	Main Road (West side 3rd cross East to west)	180.00	8.00	5.50
52	Main Road (West side 4th cross East to west)	140.00	7.50	5.50
53	Main Road (West side 3rd cross North to south to Nallithottam junction)	315.00	8.00	5.50
54	Nallithottam East side 4th cross West to east	180.00	9.00	5.50
55	Nallithottam East side 5th cross West to east	160.00	9.00	5.00
56	Subramaniasiva 1st street	100.00	5.50	4.50
57	Subramaniasiva 2nd street	175.00	7.00	5.00
58	Kothukkarar street	255.00	9.00	5.50
59	Kongu Nagar 1st cross	175.00	8.00	5.00
60	Kongu Nagar 2nd cross	245.00	9.30	5.50
61	BankkararThottam East to West Road	175.00	9.30	5.50
62	BankkararThottam North to south Road	180.00	8.70	5.50
63	Thilakar 1st street	70.00	7.80	5.50
64	Thilakar 3rd street	140.00	5.50	4.50
65	Muthu Samy Street	200.00	5.60	5.60

66	Nehru Street	75.00	6.00	6.00
67	Brindha street	400.00	6.00	6.00
68	Agilmedu 2nd street	56.00	4.00	4.00
69	West HanumantharaiyanKovil Street	80.00	5.50	5.50
70	East HanumantharaiyanKovil Street	85.00	5.50	5.50
71	South HanumantharaiyanKovil Street	40.00	5.40	5.40
72	West perumalkovil street	75.00	6.00	6.00
73	East perumalkovil street	150.00	6.00	6.00
74	Velusamy street	140.00	6.00	6.00
75	Vairam Street	105.00	6.00	6.00
76	Nali Hospital Road	340.00	7.00	7.00
77	Velli street	115.00	6.00	6.00
78	pavalam street	100.00	6.00	6.00
79	Seerangam street	170.00	6.00	6.00
80	Ondikaranpalayam main Road	600.00	5.70	5.70
81	Nasiyanur road cross street	75.00	6.60	6.60
82	Golden City Street 1	215.00	6.80	6.80
83	Golden City Street 2	235.00	6.80	6.80
84	Golden City Street 3	150.00	6.80	6.80
85	Golden City Street 4	190.00	6.80	6.80
86	Golden City Street 5	80.00	6.80	6.80
87	Golden City Street 6	65.00	6.80	6.80
88	Madikarar colony Street 1	240.00	4.40	4.40
89	Madikarar colony Street 2	205.00	4.40	4.40
90	Madikarar colony Street 3	215.00	4.40	4.40
91	Muthampalayam pond approach road .	280.00	8.20	8.20
92	Annaikattu cross street	110.00	6.50	6.50
93	Annaikattu cross street	90.00	6.50	6.50
94	Palayapalayam opp. ration shop cross street	90.00	6.30	6.30
95	IndharaGandhi Street II	105.00	5.00	5.00
96	IndharaGandhi Street II	65.00	5.50	5.50
97	Sathyamoorthi street	105.00	4.90	4.90
98	Sathyamoorthi street	95.00	4.90	4.90
99	Thiruvalluvar street	190.00	4.50	4.50
100	Thiruvalluvar street	150.00	4.50	4.50

101	Pandiyan street	195.00	4.50	4.50
102	Pandiyan street	155.00	4.25	4.25
103	West Ambathkar street	110.00	4.90	4.90
104	Thiruveeka cross streets	90.00	4.50	4.50
105	Thiruveeka cross streets	110.00	4.90	4.90
106	Periyar Nagar E-block main road	265.00	7.90	7.90
107	Power house road	400.00	7.50	7.50
108	Kamaraj street-1	180.00	4.00	4.00
109	Kamaraj street-2	190.00	4.00	4.00
110	Kamaraj street-4	220.00	3.75	3.75
111	Kamaraj street-5	56.00	4.50	4.50
112	Kamaraj street-6	69.00	5.00	5.00
113	Kasthuribhai street	175.00	3.75	3.75
114	Valliammai street	145.00	3.75	3.75
115	Thilagar Street	260.00	6.00	6.00
116	Monika Hospital Road	130.00	5.50	5.50
117	Indira gandhi Street	150.00	5.00	5.00
118	Anna durai Street	170.00	5.00	5.00
119	AvinasiGounder Street	230.00	5.00	5.00
120	VinayakarKoil Street	655.00	5.00	5.00
121	Periyakadu Cross Road	185.00	5.00	5.00
122	Thiru.Vee.Ka Street	350.00	6.00	6.00
123	PuthukalliValasu Main road	375.00	5.00	5.00
124	Ration Shop Road	100.00	6.00	6.00
125	Kollampalayam Housing Unit Main road 1	235.00	5.00	5.00
126	Kollampalayam Housing Unit Main road 2	130.00	5.00	5.00
127	Tank Tank Cross Road 1	170.00	5.00	5.00
128	Park Area Cross Road 2	855.00	5.00	5.00
129	Tank Backside Cross Road 10	95.00	6.00	6.00
130	Kollampalayam Booster Road	170.00	5.00	5.00
131	Golden Villa Street	365.00	6.00	6.00
132	VIP Thamarai Nagar 2	285.00	6.00	6.00
133	Kuppusamy Street	220.00	6.00	6.00
134	Vaigai Nagar	260.00	5.00	5.00
135	Tamil Nagar Main Road	505.00	5.00	5.00
136	Agathiyar street	285.00	7.00	7.00
137	Kamatchikadu	274.00	7.00	7.00
138	SS Layout	182.00	6.00	6.00
139	VVCR Nagar 2nd Street	147.00	7.00	7.00

140	AyyanarappanKovil street	493.00	5.50	5.50
141	Radhakrishnan street	180.00	6.00	6.00
142	Valayakkara street	85.00	7.00	7.00
143	Marimuthu street	35.00	14.50	14.50
144	Molagoundanpalayam Road	100.00	10.50	10.50
145	Molagoundanpalayam Main Road	630.00	6.00	6.00
146	Kalyanasundaram street	250.00	5.50	5.50
	Total	30290.00		

S. No	Name of work	Description
1	Restoration of Damaged B.T Road due to implementation of water supply scheme at Rayapalayampudur ,Sengunthapuramvaikkalroad,Palakattur to verapannadiur link road and kumilamparapu in ward no.1,3&4	<ol style="list-style-type: none"> 1. Earth work excavation for road cutting 2. Picking the Existing B.T road 3. Providing and laying, spreading and compacting graded stone aggregate to wet mix macadam 4. Providing and laying Prime coat of 7 Kgs/10sq, over the WMM surface treated with primer 5. Providing and laying tack coat of 2.5kgs/10sqm over the prime surface treated with binder 6. Providing and laying BM 50mm compacted thick dense Bituminous Macadam 7. Providing and laying of hot applied thermoplastic compound 2.00mm thick 8. Providing and laying Bituminous concrete to 30mm thick

2	Restoration of Damaged B.T Road due to implementation of water supply scheme at Revenue colony and Edukha street (hospital road) in ward no.4&6 and implementation of UGSS Scheme in Su kavalasu main and cross street in ward no:8	<ol style="list-style-type: none"> 1. Earth work excavation for road cutting 2. Picking the Existing B.T road 3. Providing and laying, spreading and compacting graded stone aggregate to wet mix macadam 4. Providing and laying Prime coat of 7 Kgs/10sq, over the WMM surface treated with primer 5. Providing and laying tack coat of 2.5kgs/10sqm over the prime surface treated with binder 6. Providing and laying BM 50mm compacted thick dense Bituminous Macadam 7. Providing and laying of hot applied thermoplastic compound 2.00mm thick 8. Providing and laying Bituminous concrete to 30mm thick 9. conveyance of excavated excess earth 10. Raising the UGSS manhole
3	Restoration of Damaged B.T Road due to implementation of water supply and UGSS scheme at Kamala nagar cross street and Ramamoorthinagar main and pd shop road in ward no:12&14	<ol style="list-style-type: none"> 1. Earth work excavation for road cutting 2. Providing and laying, spreading and compacting graded stone aggregate to wet mix macadam 3. Providing and laying Prime coat of 7 Kgs/10sq, over the

		<p>WMM surface treated with primer</p> <ol style="list-style-type: none"> 4. Providing and laying tack coat of 2.5kgs/10sqm over the prime surface treated with binder 5. Providing and laying BM 50mm compacted thick dense Bituminous Macadam 6. Providing and laying of hot applied thermoplastic compound 2.00mm thick 7. Providing and laying Bituminous concrete to 30mm thick 8. conveyance of excavated excess earth 9. Raising the UGSS manhole 10. Providing laying and jointing of UGSS house service connection pipe line
4	<p>Restoration of B.T Surface Damaged due to UGSS Schemes and Water Supply Schemes atGangapuram NH to School and MariammanKovil to NH junction main roads In ward No-16 and P P Garden main and cross roads In ward No-18 .</p>	<ol style="list-style-type: none"> 1.Picking the existing old mettaled surface from 50mm to 100mm. 2.Earth work excavation for Narrow Pipe Line Cutting in Hard stiff clay, stiff black cotton. 3.Providing and laying, spreading and compacting graded stone aggregate to Wet mix macadam (WMM). 4.Providing and laying Prime coat of 7 kgs/10 sqm over the WMM. 5.Providing and laying tack coat of 2.5 kgs/10 sqm over the WMM. 6.Providing and laying tack coat of 2 kgs/10 sqm over

		<p>the BT surface.</p> <p>7. Providing and laying 50 mm compacted thick dense bituminous macadam .</p> <p>8. Providing and laying Bituminous concrete to 30mm thick.</p> <p>9. Conveyance of excess excavated and surplus earth to low laying areas.</p>
5	<p>Restoration of B.T Surface Damaged due to UGSS Schemes and Water Supply Schemes at Nallithottam , main and roads In ward No-19 and Subramaniasivastreet, Thilagarstreet, Kothukarar street, Kongu Nagar and Bankkarar street In ward No-20.</p>	<p>1. Earth work excavation for Narrow Pipe Line Cutting in Hard stiff clay, stiff black cotton.</p> <p>2. Providing and laying, spreading and compacting graded stone aggregate to Wet mix macadam (WMM).</p> <p>3. Providing and laying Prime coat of 7 kgs/10 sqm over the WMM.</p> <p>4. Providing and laying tack coat of 2.5 kgs/10 sqm over the WMM.</p> <p>5. Providing and laying tack coat of 2 kgs/10 sqm over the BT surface.</p> <p>6. Providing and laying 50 mm compacted thick dense bituminous macadam .</p> <p>7. Providing and laying Bituminous concrete to 30mm thick.</p> <p>8. Conveyance of excess excavated and surplus earth to low laying areas.</p>
6	<p>Restoration of B.T Surface Damaged due to UGSS and Water Supply Line at Muthusamy street, Nehrustreet, Agilmedu 2nd street, Brindhastreet, velusamystreet, ViramStreet, West, east & South Hanumantharaiyan Kovilstreet, Westperumalkovilstreet, Eastperumalkovilstreet, Nali Hospital Road, VelliStreet, PavalamStreet, Seerangam Street</p>	<p>1. Earth work excavation for Narrow Pipe Line Cutting in Hard stiff clay, stiff black cotton.</p> <p>2. Providing and laying, spreading and compacting graded stone aggregate to Wet mix macadam (WMM).</p>

	in Ward NO: 24,27,26	<p>3. Providing and laying Prime coat of 7 kgs/10 sqm over the WMM.</p> <p>4. Providing and laying tack coat of 2.5 kgs/10 sqm over the WMM.</p> <p>5. Providing and laying tack coat of 2 kgs/10 sqm over the BT surface.</p> <p>6. Providing and laying 50 mm compacted thick dense bituminous macadam .</p> <p>7. Providing and laying Bituminous concrete to 30mm thick.</p> <p>8. Conveyance of excess excavated and surplus earth to low laying areas.</p>
7	Restoration of B.T Road Damaged Due to UGSS and water supply scheme at Ondikaranpalayam main Road ward no-31, Golden City Cross Streets, Madikarar colony Cross Street, Nasiyanur road cross street in ward no -32	<p>1. Picking the existing old mettaled surface from 50mm to 100mm.</p> <p>2. Earth work excavation for Narrow Pipe Line Cutting in Hard stiff clay, stiff black cotton.</p> <p>3. Providing and laying, spreading and compacting graded stone aggregate to Wet mix macadam (WMM).</p> <p>4. Providing and laying Prime coat of 7 kgs/10 sqm over the WMM.</p> <p>5. Providing and laying tack coat of 2.5 kgs/10 sqm over the WMM.</p> <p>6. Providing and laying tack coat of 2 kgs/10 sqm over the BT surface.</p> <p>7. Providing and laying 50 mm compacted thick dense bituminous macadam .</p> <p>8. Providing and laying Bituminous concrete to 40mm thick.</p>

		<p>9.Raising the UGSS manhole cover upto proposed road level.</p> <p>10.Conveyance of excess excavated andsurpluse earth to low laying areas.</p> <p>11.Supplying and fixing of 110mm dia PVC causing (6KG) Pipe.</p>
8	<p>Restoration of B.T Road Damaged Due to UGSS and water supply scheme at Muthampalayam pond approach road ward no-34,Annaikattu cross street,Palayapalayamopp ration shop cross street,IndharaGandhi Street II in ward no -35, Sathyamoorthi street, Thiruvalluvar street and Pandian street in ward no -38, West ambethkar street and thiruveekaa cross streets in ward no -39</p>	<p>1.Picking the existing old mettaled surface from 50mm to 100mm.</p> <p>2.Earth work excavation for Narrow Pipe Line Cutting in Hard stiff clay, stiff black cotton.</p> <p>3.Providing and laying, spreading and compacting graded stone aggregate to Wet mix macadam (WMM).</p> <p>4.Providing and laying Prime coat of 7 kgs/10 sqm over the WMM.</p> <p>5.Providing and laying tack coat of 2.5 kgs/10 sqm over the WMM.</p> <p>6.Providing and laying tack coat of 2 kgs/10 sqm over the BT surface.</p> <p>7.Providing and laying 50 mm compacted thick dense bituminous macadam .</p> <p>8.Providing and laying Bituminous concrete to 40mm thick.</p> <p>9.Raising the UGSS manhole cover upto proposed road level.</p> <p>10.Conveyance of excess excavated andsurpluse earth to low laying areas.</p> <p>11.Supplying and erecting centering to sides and soffits including supports and strutting with necessary cross.</p>

		12.Plain cement concrete 1:2:4 mix (One cement two sand and four aggregate) using 20mm ISS metal.
9	Restoration of B.T Road Damaged Due to UGSS and water supply scheme at Kamaraj street-1,2,4,5,6, Kasthuribhai street, Valliammai street in ward no-40, Power house road ward no - 43,Periyar Nagar E-block main road (From 80' road junction to upto UGSS MPS-1) in ward no - 44	<p>1.Picking the existing old mettaled surface from 50mm to 100mm.</p> <p>2.Earth work excavation for Narrow Pipe Line Cutting in Hard stiff clay, stiff black cotton.</p> <p>3.Providing and laying, spreading and compacting graded stone aggregate to Wet mix macadam (WMM).</p> <p>4.Providing and laying Prime coat of 7 kgs/10 sqm over the WMM.</p> <p>5.Providing and laying tack coat of 2.5 kgs/10 sqm over the WMM.</p> <p>6.Providing and laying tack coat of 2 kgs/10 sqm over the BT surface.</p> <p>7.Providing and laying 50 mm compacted thick dense bituminous macadam .</p> <p>8.Providing and laying Bituminous concrete to 40mm thick.</p> <p>9.Raising the UGSS manhole cover upto proposed road level.</p> <p>10.Conveyance of excess excavated andsurpluse earth to low laying areas.</p> <p>11.Supplying and erecting centering to sides and soffits including supports and strutting with necessary cross.</p> <p>12.Plain cement concrete 1:2:4 mix (One cement two</p>

		sand and four aggregate) using 20mm ISS metal.
10	Restoration Of B.T Surface Damaged Due To UGSS &Uratchikottai Water Supply Scheme At Kollampalayam Hu Tamil Nagar, Vagai Nagar, Kuppusamy Colony, Tamil Nagar,VipThamarai Nagar, Golden Villa Street &Gandhiji St 2 In W.No:50.	<ol style="list-style-type: none"> 1.Earth work excavation for Narrow Pipe Line Cutting in Hard stiff clay, stiff black cotton, hard red earth 2.Providing and laying ,spreading and compacting graded stone aggregate to wet mix macadam (WMM) 3.Providing and laying Prime coat of 7 kgs/10 sqm over the WMM surface 4.Providing and laying tack coat of 2.5 kgs/10 sqm over the WMM/ surface 5.Providing and laying tack coat of 2.0 kgs/10 sqm over the B.T surface 6.Providing and laying 50mm consolidated thick Dense Bituminous Macadam 7. Providing and laying Bituminous Concrete to 30mm thick 8.Raising the UGSS man hole cover upto the proposed road level 9.Conveyance of excess excavated and surplus earth to low laying areas upto 5 km
11	Restoration Of B.T Surface Damaged Due To Uratchikottai Water Supply Scheme At PuthukalliValasu In W.No:47,Ats Hospital Road, Indira Gandhi Street, Thilagar Street, Annadurai Street, AvinasiGounder Street &Thiru.Vee.Ka Street In W.No:49.	<ol style="list-style-type: none"> 1.Earth work excavation for Narrow Pipe Line Cutting in Hard stiff clay, stiff black cotton, hard red earth 2.Providing and laying ,spreading and compacting graded stone aggregate to

		<p>wet mix macadam(WMM)</p> <p>3.Providing and laying Prime coat of 7 kgs/10 sqm over the WMM surface</p> <p>4.Providing and laying tack coat of 2.5 kgs/10 sqm over the WMM/ surface</p> <p>5.Providing and laying tack coat of 2.0 kgs/10 sqm over the B.T surface</p> <p>6.Providing and laying 50mm consolidated thick Dense Bituminous Macadam</p> <p>7. Providing and laying Bituminous Concrete to 30mm thick</p> <p>8.Raising the UGSS man hole cover upto the proposed road level</p> <p>9.Conveyance of excess excavated and surplus earth to low laying areas upto 5 km</p>
12	<p>Restoration Of B.T Surface Damaged Due To Uratchikottai Water Supply Scheme At Valayakkara Street In Ward No 55, Agathiyar Street, Kamatchikadu, Ss Layout, VVCR Nagar 2nd Street, AyyanarappanKovil Street, Radhakrishnan Street And Marimuthu Street In Ward No 56, Molagoundanpalayam In Ward No 60.</p>	<p>1.Earth work excavation for Narrow Pipe Line Cutting in Hard stiff clay, stiff black cotton, hard red earth</p> <p>2.Providing and laying ,spreading and compacting graded stone aggregate to wet mix macadam(WMM)</p> <p>3.Providing and laying Prime coat of 7 kgs/10 sqm over the WMM surface</p> <p>4.Providing and laying tack coat of 2.5 kgs/10 sqm over the WMM/ surface</p>

		<p>5. Providing and laying tack coat of 2.0 kgs/10 sqm over the B.T surface</p> <p>6. Providing and laying 50mm consolidated thick Dense Bituminous Macadam</p> <p>7. Providing and laying Bituminous Concrete to 30mm thick</p> <p>8. Raising the UGSS man hole cover up to the proposed road level</p> <p>9. Conveyance of excess excavated and surplus earth to low lying areas upto 5 km</p>
--	--	--

6. Environmental Screening:

1.	<p>The already existing roads are proposed to be improved. There are residential, hospitals, schools, etc., which are provided connectivity by existing roads. The proposed improvement to roads is within the existing road /width /ROW and hence no impacts are anticipated on the nearby features. However during construction to prevent any inconvenience to nearby resident's management measures including traffic management will be followed.</p>	<p>Details of proposed roads are Marked in Erode City Municipal Corporation Town Map.</p>
2.	<p>No tree cutting is involved in this subproject. Existing roads will be picked and be reused to maintain level (No waste generate in anticipated. Existing concrete roads are dismantle and the waste are reused for increase levels of newly Constructed Over Head Tank.</p>	<p>In the proposed road there is No tree cutting involved Wastes handling any demolition / milling waste disposal or reuse proposed</p>

7. **Permissions/ Clearances :**

The proposed roads are belongs to Erode City Municipal Corporation. So permission not required from other departments.


19.9.2020
EE


19/09/2020


Commissioner,
Erode City Municipal Corporation.