RESPONSIBILITIES OF CONTRACTOR FOR MAINTENANCE OF THANE GHODBUNDE ROAD

The Contractor shall maintain the complete road length of Thane Ghodbundar road including all bridges, their approaches, CD works, other structures etc. falling in the above length.

The Contractor will be responsible for maintenance of the complete road length Thane Ghodbundar Road more specifically defined in the scope of work, including all bridges, their approaches, CD works, other structures etc, falling in the above length from the date of work order only. The Contractor has to maintain the untackled length (including all structures) in the same standards as they are including necessary repairs and maintenance at his cost from the date of work order only.

The Contractor shall act upon, according to this Repairs and Maintenance Manual to ensure systematic maintenance of the facility. Periodicity of both routine and special inspections shall be as per Table below.

<table>
<thead>
<tr>
<th></th>
<th>Jointly with the Independent Engineer</th>
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<tbody>
<tr>
<td></td>
<td>Routine</td>
</tr>
<tr>
<td>Roads</td>
<td>Once in two months (Jan. March May July Sept Nov. and Dec.)</td>
</tr>
<tr>
<td>Bridges and Cross Drainage Works</td>
<td>Twice in a year (April and Oct.)</td>
</tr>
</tbody>
</table>

Independent Engineer will be the firm appointed by MSRDC for undertaking the assignment.
MAINTENANCE BEFORE & DURING CONSTRUCTION

General -

Than e Ghodbunder Road is widened during the year 2000-2002 and is presently maintained by MSRDC. The Contractor will have to start the maintenance of this road from the Date of Commencement taking over of the work by Contract. The Contractor shall ensure pothole free road during construction so that there are no public agitations. The Contractor shall thoroughly inspect the road and shall take preventive measures as per his assessment to avoid damages during the monsoon period. It has been observed during the earlier monsoon that the road gets damaged during monsoon period and the black topped repairs during monsoon are difficult. The Contractor shall carry out necessary preventive black topping such as crack filling, resurfacing, pothole filling etc. required to maintain the road during construction. Especially during monsoon period and during construction the traffic will be moving on the restricted width therefore diversion (restricted carriageway) will have to be also maintained in proper motorable condition. The various activities required to be carried out during construction till the full strengthening work is done shall be as below –

1. To maintain full width of carriageway including diversion if any in pothole free conditions by providing proper black topped treatment.

2. To maintain the road in clean and neat state.

3. To maintain all drains in proper and drainable conditions.

4. To maintain all shoulders in proper camber vegetation free and in neat and clean state.

5. To maintain median verge in proper, neat and clean state.

6. To maintain all signages, kilometer stones in proper condition.

7. To maintain all diversion stones, barricades in proper condition.

CONTRACTOR

MSRDC
8. It is also necessary to put proper and adequate barricades around the maintenance work being done by other agency such as MTNL, MIDC, TMC for carrying out utility repair works.

9. Contractor shall also take proper precautions for safety of traffic by providing required barricading. Sign boards, caution boards, flagmen etc. to warn the travellers sufficiently in advance of construction activities.

10. It shall be the responsibility of contractor to privately assess the requirement of black topping to be done during the construction period and provide for proper plant and material in ready state during monsoon.

11. Adequate number of labours shall also be provided during the maintenance period especially during monsoon.

**INSPECTION REPORTS AND REMEDIAL MEASURES**

Periodicity of inspections for maintenance activities by the Contractor shall be regulated as per the Agreement, and governed by the exigencies of the situation.

The Contractor shall carry out maintenance; repair or rehabilitation works found necessary by these investigations in accordance with this Maintenance Manual and the Contract conditions.

If in the opinion of the Independent Engineer, the repairs and maintenance is not being done satisfactorily by the Contractor, the same will be got done from the other agency at the cost and risk of the main Contractor.