

SCHEDULE - C
(See Clause 2.1)**PROJECT FACILITIES****1 Project Facilities**

The Contractor shall construct the Project Facilities in accordance with the provisions of this Agreement. Such Project Facilities shall include:

- (a) Roadside furniture;
- (b) Pedestrian facilities;

2 Description of Project Facilities

Each of the Project Facilities is described below showing:

(a) Toll Plaza

Toll plaza shall be designed as per the guidelines of manual and it is provided at following locations:

| S. No. | Toll Plaza Location (Design Chainage in Km) |
|--------|--|
| | <p>Tentative location of toll plaza is Km 69+700. Final suitable and feasible location shall be finalized after a detailed survey by the Contractor and subject to approval of the Authority Engineer/Authority.</p> <p>Toll Plaza shall be designed and constructed as per applicable MoRTH Specifications, IRC guidelines and the typical layout plan attached. The design of the toll plaza may be revised, and the same shall be constructed in a staggered manner. However, no additional cost shall be admissible on account of such revision or construction. The following broad provisions are included in Toll Plaza:-</p> <ol style="list-style-type: none"> 1) Toll Booth, toll lane with canopy, islands, etc.. 2) Static Weigh Bridge 2 nos with porta cabin. 3) Weigh in Motion 6 nos 4) Signages/Road Markings etc. 5) Administrative Building with all furniture. 6) ETC System/Lane Equipment's/Software etc. 7) 40 kVA Diesel Generator 8) High Mast Light 2 nos. 9) All Electrical Works of Toll Booth / Canopy / Admin Building including cable, light fittings, requisite signages, etc. 10) Street Lights 20 nos <p>The above provisions are tentative and final provisions/specifications to be submitted by EPC Contractor as per the relevant manual and approval by AE/Authority.</p> |

(b) Road side Furniture

- i) **Pavement Markings:**
Pavement markings include road marking, zebra crossing, etc. along the Project Road.

Markings:**Longitudinal markings**

- : Centre lines
- : Edge lines
- : Width transition
- : obstructions ahead

Intersections.

- : Pedestrian crossings
- : Approach to intersection.
- : Direction arrows.
- : Continuity lines

- Road markings (Centre lines & edge line) shall be provided in entire Project length & at junction locations mentioned in Schedule-B in accordance with the relevant IRC manual.
- Zebra crossings shall be provided at minimum 70 locations in accordance with the relevant IRC manual & in consultation with Authority's Engineer.
- Transverse Road Markings shall be provided at minimum 120 locations in accordance with the relevant IRC manual & in consultation with Authority's Engineer.

- ii) **Delineators and Studs:** Delineators, solar powered studs & Road studs with lense reflector on highway shall be provided in accordance with relevant manual.

- Minimum 1400 Nos Road Delineators (road way indicators, hazard markers, object markers) shall be installed at the locations specified by Authority's Engineer,
- Minimum 8000 Nos. Road studs with lense reflector shall be provisioned in the entire Project length.
- Minimum 1500 Nos. solar powered studs shall be provisioned at warning/junction/accident prone locations etc. as per directions of Authority's Engineer.

Note: The above mentioned indicated quantities are minimum. Any increase in the respective quantity of above items as per site condition, shall not constitute any positive change in scope up to 10% of the minimum quantity indicated.

- iii) **Km Stones:** All the damaged Km Stones shall be replaced with the new Km stones meeting the Standards & Specifications in accordance to the relevant manual. However, Minimum 7 Nos. of 5th Km stone, minimum 35 Nos. of ordinary km stone & minimum 180 nos. Hectometer stone shall be newly provided in the Project length in accordance with the

relevant IRC manual & in consultation with Authority's Engineer.

Note: The above mentioned indicated quantities of new Km stones are minimum. Any increase in the respective quantity of Km Stones as per site condition, shall not constitute any positive change in scope up to 10% of the minimum quantity indicated.

- iv) **Retro- reflectorized Traffic signs:** Minimum 140 Nos. of 900 mm equilateral triangle sign boards, minimum 140 Nos. of 600 mm circular sign boards & minimum 700 Nos. of 800 x 600 mm rectangular sign boards/Emergency number board shall be provided in accordance with the relevant IRC manual & in consultation with Authority's Engineer.

Note: The above mentioned indicated quantities of Retro-reflective Traffic Signs are minimum. Any increase in the respective quantity of Retro-reflective Traffic Signs as per site condition, shall not constitute any positive change in scope up to 10% of the minimum quantity indicated.

- v) **Retro Reflective Tapes:** Minimum 2000 m of Retro-reflective tapes at the specified locations by the Authority's Engineer shall be provided in accordance with the relevant IRC manual & in consultation with Authority's Engineer.

Note: The above mentioned indicated quantities of Retro-reflective Tapes are minimum. Any increase in the respective quantity of Retro-reflective Tapes as per site condition, shall not constitute any positive change in scope up to 10% of the minimum quantity indicated.

(c) Truck Lay-byes

Truck lay byes shall be provided at the following locations.

| Sl. No. | Proposed Chainage (Km) |
|---------|------------------------|
| | Nil |

(d) Bus Bays

Bus lay byes shall be provided at the following locations.

| Sl. No. | Design Chainage (Km) | | Remarks |
|---------|----------------------|-----|---------|
| | LHS | RHS | |
| | NIL | | |

(e) Rest Areas,

Nil.

(f) Others

1. Highway Lighting

Minimum 286 No. Street Lights at the locations indicated in the Schedule-B shall

be installed.

Note: The above mentioned indicated quantity of Street Lights is minimum. Any increase in the quantity of Street Lights as per site condition, shall not constitute any positive change in scope up to 10% of the minimum quantity indicated.