



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport and Highways)

जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली-110075

G-5 & 6, Sector-10, Dwarka, New Delhi-110075

दूरभाष / Phone : 91-11-25074100/25074200

फैक्स / Fax : 91-11-25093507 / 25093514

No. 11041/217/2007-Admn

Dated: 26.03.2015

Policy Matters: Administration/Finance (159/2015)
(Decision taken on File No. NHAI/13013/CO/14-15/ETC/COS/Vighakhet & BabinaTPs)

Sub.: Implementation of ETC on Pan India basis; installation of Weigh-in-Motion (WIM)/ Static Weigh Bridge(SWB), AVCC and CCTV at all Toll Plazas (NHAI & Concessionaires) – Delegation of Powers to ROs.

Ref. : Policy Circular No. Admn/ Fin. (144/2014) dated 11.09.2014 (copy enclosed).

Para2(a)(i) of above cited Policy Circular interalia specifies as under :

"In case of Annuity Projects, if ETC lanes are not in the scope of the Concessionaires, ROs shall ask IHMCL to undertake ETC lanes work (no COS to Concessionaire in Annuity Projects)."

2. One of the ROs has raised an issue on who will undertake (IHMCL or Concessionaire) the works for upgrading the existing Toll Plazas to provide for sufficient number of toll lanes (i.e., pre-requisite works for installing electronic tolling equipment, WIM, SWB, etc.). In this connection, provisions in Schedule-C (Toll Plazas) and Schedule-D (Specifications and Standards) may please be referred. Although the provisions vary from agreement to agreement, the following provisions in the manuals of 4-laning/ 6-laning (Charter-10) are quoted:

10.4.12 The total number of toll booths and lanes shall be such as to ensure the service time of not more than 10 second per vehicle at peak flow regardless of methodology adopted for fee collection. For purpose of guidance following parameters is suggested as a capacity of individual toll lane for design purpose:

- (i) Semi-automatic toll lane (Automatic vehicle identification but manual fee transaction) 240 Veh/ hour
- (ii) Electronic toll collection (ETC lens) (Toll Collection through RFID Tags and no stoppage of vehicles) 1200 Veh/ hour

Not less than 2 middle toll lanes shall be capable of being used as reversible lane to meet the demand of tidal flow.

Toll Plazas shall be designed for projected peak hour traffic of 20 years. As mentioned in Para-10.4.1, the stage construction of Toll Plaza in respect of number of toll lanes shall be allowed. If at any time, the queue of vehicles becomes so large that the waiting time of the user exceeds three minutes, the number of toll lanes shall be increased so that the maximum waiting time is brought down to less than three minutes.

3. In view of above, it may be noted that in general, upgrading the existing Toll Plazas to provide for sufficient number of toll lanes (i.e., pre-requisite works

✓

for installing electronic tolling equipment, WIM, SWB, etc.) is the responsibility of the Concessionaire in Toll/ Annuity/ OMT Projects and no COS is justified. However, in case no similar provision as above exists in the Concession Agreement of Toll/ Annuity/ OMT Projects, each individual case may be examined by IE, PD & RO and RO may grant COS to the Concessionaire at his level under intimation to CO and Technical Division at HQ.

4. The provision in Para-2(a)(i) of Policy Circular dated 11.09.2014 cited at Para-1 above pertains only for providing electronic tolling equipment in Annuity Projects, but not to undertake upgrading/ pre-requisite works.

Encl. : Policy Circular dated 11.09.2014



(V.K. Sharma)
CGM(Coord)

To

1. **All ROs/ PIUs/ CMUs/ Site Offices/ All officers at HQ**
2. **Chairman, IHMCL [JS(LA&P), MoRTH]**



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)
National Highways Authority of India

(Ministry of Road Transport and Highways)

जी-5 एखं 6, सेक्टर-10, द्वारका, नई दिल्ली-110075

G-5 & 6, Sector-10, Dwarka, New Delhi-110075

दूरभाष / Phone : 91-11-25074100/25074200

फैक्स / Fax : 91-11-25093507 / 25093514

NHAI/11041/217/2007-Admn

Date : 11.09.2014

Policy Matter : Admn/ Fin. (144/2014)

[Discussed in 207th EC Meeting held on 03.09.2014 vide Agenda Item No.207.05 and decided by Chairman vide File No.NHAI/13013/CO/2014-15 dated 11.09.2014]

Sub.: Implementation of ETC on Pan India basis; installation of Weigh-in-Motion (WIM)/ Static Weigh Bridge(SWB), AVCC and CCTV at all Toll Plazas (NHA & Concessionaires)

– Delegation of Powers to ROs.

- Ref.:** (i) Note dated 30.04.2014 of Member (Fin.)
(ii) Note dated 22.05.2014 of Member (Fin.)
(iii) Letter No.53671 dated 26.06.2014 of GM(CO)
(iv) Letter dated 20.08.2014 of GM (Electronics)
(v) Letter dated 28.08.2014 of GM (CO)

Vide Ref.(i) & (ii), the decision of the Government to implement Electronic Toll Collection (ETC) on Pan-India basis at all Toll Plazas in all respects by Dec., 2014 was conveyed. Vide Ref.(iii), it was asked to provide a proper infrastructure at Toll Plazas sufficient to cater for the present traffic as well as future expansion including conversion of temporary Toll Plazas into permanent, so as to enable ETC implementation. Vide Ref.(v), it was also asked to install WIM/ Static Weigh Bridge (SWB) including AVCC & CCTV Surveillance System at all Toll Plazas by March, 2015.

2. The following powers have been delegated to Regional Officers of NHA (ROs) for expediting and completion of ETC lanes by Dec.,2014 and WIM/ SWB/ AVCC/ CCTV by March, 2015 at all Toll Plazas :

(a) Toll/ Annuity/ OMT Projects :

(i) In case of **ETC lanes (one lane in each direction)**, ROs are authorized to sanction COS to the Concessionaires of Toll/ OMT Projects subject to ceiling on cost of COS as per tenders already finalized by IHMCL (Ref. details at Annex-A), duly examining the provisions in the Concession Agreement and satisfying that the same is not in the scope of the Concessionaire. They shall immediately mark a copy of COS order issued by them to concerned Member of CO Division at NHA, HQ for information and record. While considering COS, ROs may keep in view the specifications and cost break-up of items in the tenders finalized by IHMCL (details enclosed at **Annex-A**). In case of Annuity Projects, if ETC lanes are not in the scope of the Concessionaires, ROs shall ask IHMCL to undertake ETC lanes work (no COS to Concessionaire in Annuity Projects).

Contd..2


(ii) In case of Weigh-in-Motion (WIM), Static Weigh Bridge(SWB), AVCC and CCTV, ROs are authorized to sanction COS to the Concessionaires of Toll/ Annuity/ OMT Projects subject to ceiling on cost of COS as per cost/ tenders being finalized by IHMCL under NHAI Toll Plazas, duly examining the provisions in the Concession Agreement and satisfying that these items are not in the scope of the Concessionaires. They shall immediately mark a copy of COS order issued by them to concerned Member of CO Division at NHAI, HQ for information and record. While considering COS, ROs may keep in view the specifications of work, which will be finalized and circulated by IHMCL shortly. Please note that in this case (i.e., for WIM, SWB, AVCC & CCTV), COS to Concessionaire is permitted under Annuity Projects, if these items are not covered in the scope of the Concessionaire.

(b) Public Funded Projects: IHMCL is undertaking the work of ETC lanes and complete end-to-end Toll Management System including WIM, SWB, AVCC and CCTV.

(c) Public Funded Projects – Upgrading the infrastructure at Toll Plazas including conversion of temporary Toll Plazas into permanent: The infrastructure at the Toll Plazas may be upgraded to minimum 5+5 lanes (including extra wide & ETC lanes) for Toll Plazas having a traffic of 15,000 PCUs/ day or more and 4+4 lane (including extra wide & ETC lanes) at other Toll Plazas, so that sufficient non-ETC lanes are available after dedicated (1+1) ETC lanes and also to provide scope for (2+2) ETC lanes in future. The pre-requisite work for installing ETC equipment, WIM, etc. and tentative items for upgrading the infrastructure at the toll plazas are enclosed at **Annex-B**. For these works (pre-requisite work and upgrading the infrastructure), ROs are given the power for sanctioning the works costing upto Rs.2.0 Crore per Toll Plaza (upto Rs.5.0 Crore in case concrete pavement is not existing at the toll plaza and it is to be constructed). In order to expedite the completion of such works, ROs are permitted to split the work considering the specialization like road work (expansion of number of toll lanes, concrete pavement, etc), structural work (canopy, administrative block, toll booths, porta cabins, etc), electrical (lighting, generators, etc), road signs, etc., obtain short-term tenders (10 days notice) and decide the agencies within the above delegated power (Rs.2.0 Crore/ Rs.5.0 Crore).

3. All ROs are requested to decide COS and issue COS notices/ orders to the Concessionaires. However, ROs shall immediately mark a copy of COS order issued by them to concerned Member of CO Division at NHAI, HQ for information and record. While issuing COS notice/ order, clear timelines may be fixed to the Concessionaires for completion of ETC lanes in all respects by Dec., 2014 and other items (WIM, SWB, AVCC and CCTV) by March, 2015. The timelines, toll plaza wise, may be furnished to CGM(CO) by ROs within 7 days from the date of this Circular for completion of ETC lanes by Dec.,2014 and WIM/ SWB/ AVCC/ CCTV by March, 2015 at all Toll Plazas under their jurisdiction.

Encl. : Annex-A&B (6 Pages)


(V.K. Sharma)
CGM(Coord)

To
All ROs/ PIUs
Chairman, IHMCL [JS(LA&P), MoRTH]
All officers at HQ