

भारत सरकार GOVERNMENT OF INDIA
रेल मंत्रालय MINISTRY OF RAILWAYS
रेलवे बोर्ड (RAILWAY BOARD)

No. 2001/M(C)/137/1 Pt.

New Delhi, dt: 25.07.2014

**The Chief Mechanical Engineer
Integral Coach Factory
Chennai**

Sub: Provision of CCTV in Ladies compartment in coaches

A commitment has been made in the Rajya Sabha to fix CCTVs in Ladies compartment in trains. Accordingly matter has been examined in consultation with DG (RPF) and following action plan has been formulated) for fulfillment of the commitment in the current year itself:

1. Presently, ladies compartments are being provided in EMU trains and on SLR/SLRD trains. It has been decided that work of development of technical specification and lay outing inside the coaches, be carried out by ICF. ICF should immediately float EOI (Expression of Interest) to get most suitable and economical option for long term implementation.
2. Notwithstanding above, ICF should also study certain of-the-shelf solutions and make provision on 10 Nos. of coaches immediately. This would not only provide feedback from the users but also bring out other issues in maintenance and operation which would be helpful in developing a standard specification for bulk implementation. After carrying out preliminary study to explore various of-the-shelf options available in the market, ICF should make a presentation in Railway Board in which Security Branch would also be invited to give their valuable suggestions as finally system would be used by them.
3. Following timelines have been decided for strict monitoring and adherence by ICF:

Long Term Action Plan

S.No.	Action Plan	Target Date
1.	Floating of EOI	30 th July, 2014
2.	Development of Technical Specification based on input received in response to EOI	30 th August, 2014
3.	Floating of Tender	4 th September, 2014
4.	Finalisation of Tender on 50 EMU Rail Cars and 50 Main Line Trains and placement of order	30 th September, 2014
5.	Delivery of material and provision on first rake	30 th January, 2015
6.	Delivery of balance material in provision on balance coaches	30 th March, 2015

Short Term Action Plan

S.No.	Action Plan	Target Date
1.	Survey of of-the-shelf design of CCTV arrangement suitable for coaches	30 th July, 2014
2.	Formulating a scheme for provision of suitable design of CCTV on coaches	25 th July, 2014
3.	Presentation on scheme for implementation in Railway Board and in consultation with Security Dte.	30 th July, 2014
4.	Floating of tender	7 th August, 2014
5.	Delivery of material and provision on first rake	30 th August, 2014
6.	Delivery of balance material in provision on balance coaches	30 th September 2014

4. Further, CCTV arrangements should have following salient features:

- i. Set of CCTVs should cover doorway, gangway and aisle area.
- ii. Picture resolution should facilitate facial recognition for unambiguous identification of the target person.
- iii. CCTV should have sufficient storage on a removable media for retrieving the data on intermediate stations by RPF. Technology for on line streaming can also be explored, however, former would be a preferred option.
- iv. Facial recognition in low light condition would be essential especially in aisle area during night time.
- v. Design selected should be a proven one for transport installation and should meet relevant standards in rolling stock application along with other requisite test standards.
- vi. CCTV equipment should be ruggedized one so as to handle shock and vibration during train operation.

ICF is accordingly advised to implement the abovementioned action plan as per time target given above.

This has approval of Board (MM)


25/07/14.

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Railway Board