GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
RAILWAY BOARD

No.2006/C&IS/WP2007-08/DSS/18 New Delhi, Dated 30 .05.2007

The General Manager,
Central Railway.

Subject: Sanction for the work of "Decision Support System (DSS) for Electrical Locomotive Maintenance and Operation Management: under Plan Head 17 – Computerisation.".

1. A Work relating to the "Decision Support System (DSS) for Electrical Locomotive Maintenance and Operation Management" has been included in the Pink Book for the year 2007-08 under Central Railway as Item No.34a/2007-08 at the abstract cost of Rs 7.00 crore chargeable to DF-3 under Plan head 17 (computerization).

2. **Scope of the work :-**

The work has been planned for all Electric Loco Sheds, Divisional and HQ TLC, Railway Board and RDSO and is basically for maintenance of Electric locos by way of optimum scheduling of the jobs or organized chain of events and effective monitoring of jobs. The essence of maintenance of locomotive is to ensure highest availability for traffic use which calls for least downtime while ensuring simultaneously that the locomotive receives best attention in the shed according to the plan and programme. The work comprises 6 independent modules namely –

a) Loco Shed Management Module
b) Loco Operations Management Module
c) Trip Shed Module
d) Headquarter Decision Support Module
e) RDSO Decision Support Module
f) Railway Board Managerial Decision Module

3. The detailed estimate vetted by the associate finance should be prepared by the Central Railway and sent to Board for sanction.

4. This issues with the concurrence of Finance Directorate of Ministry of Railways.

(Chhatrasal Singh)
Director (C&IS)

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Copy to :

The FA & CAO and The FA & CAO/Const., Central Railway.

For Financial Commissioner/Railways

Copy to :

1 F(X)-II and Budget Branches of Railway Board
2 The Chief Electrical Engineer, Central Railway.