GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. 2015/C&IS/Project/D-Warehouse-IPAS/53 New Delhi, Dated: 19 .05 .2016

The General Manager,
Northern Railway,
New Delhi.

Sub:- Sanction for the work of "Data Warehouse for IPAS".

Ref:- CRIS's letter No. 2014/CRIS/NDLS-HQ/AIMS/Impl/11 Zones/0024/PT-1 dated 03.12.2015.

A new work "Data Warehouse for IPAS" has been included in the Pink Book for the year 2016-17 as Item No. 202 of Northern Railway at the abstract cost of Rs. 14.94 Crore (Rupees fourteen crore and ninety four lakh only). Break up of cost is enclosed as Annexure.

Vinita

(Vinita Narera)
Director Electronics(C&IS)

Copy to :-

1. Executive Director (AIMS & AR)/Railway Board.
2. The CCM/PM, Northern Railway, New Delhi.
3. F(X)-II and Budget Branches of Railway Board.
4. Managing Director/CRIS, Chanakyapuri, New Delhi.

Annexure

Break-up of Abstract cost of the work of "Data Warehouse for IPAS"

S.No.	Items	Cost (Rs. In Lakh)
1	Hardware	241.36
2	System Software	800.00
3	Network Infrastructure	100.00
4	Application Development	51.70
5	Training and Implementation	83.64
6	Project Management	57.43
7	CRIS Charges	160.10
	Total	**1494.23**
	Rounded Off	**Rs. 14.94 Crore**

Vinita