GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. 2015/C&IS/Project/Bridge MS/54

New Delhi dated 19.05.2016

The General Manager,
Northern Railway,
New Delhi.

Sub:- Sanction for the work of "Design, Development and Implementation of Bridge Management System on PAN India basis ".

Ref:- CRIS's letter No. CRIS/OAEW/NEWPROJ/CE/2015 dated 28.12.2015.

A new work "Design, Development and Implementation of Bridge Management System on PAN India basis" has been included in the Pink Book for the year 2016-17 as Item No. 192 of Northern Railway at the abstract cost of Rs. 10.14 Crore (Rupees ten crore and fourteen lakh only). Break up of cost is enclosed as Annexure.

Vinita

(Vinita Narera)
Director Electronics(C&IS)

Copy to :-

1. Executive Director, TK(P)/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

Abstract Cost of the work of Design, Development and Implementation of Bridge Management System on PAN India basis"

S.No.	Item Description	Cost (Rs.)
1	Application Software - Development (Resources)	22052763.00
2	Skills development (of Resources & Customers)	1500000.00
3	Implementation, training and data management	2521854.00
4	System Software	8304397.00
5	Hardware Systems	52285067.00
6	Network Equipment/Infrastructure	2043072.00
7	Facilities (Civil and Electrical Costs)	4278000.00
8	**Total (A) (1 to 7)**	**92985153.00**
9	**CRIS D&G Charges including R&D @5% of (A) and Procurement charges @3% of (A)**	**7438812.24**
10	**Contingencies @ 1% of (A)**	**929851.53**
	Grand Total (8+9+10)	**101353816.77**
	Rounded off	**Rs. 10.14 cr.**

Vinita