GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. 2015/C&IS/Project/ESB/73

New Delhi, Dated: 19.05.2016

The General Manager,
Northern Railway,
New Delhi.

Sub:- Sanction for the work of "Enterprise Service Bus for IT application of Indian Railways".

Ref:- CRIS's letter No. 2015/CRIS/NDLS-HQ/CC/Projects/0165/Pt.-1 dated 19.02.2016.

A new work "Enterprise Service Bus for IT application of Indian Railways" has been included in the Pink Book for the year 2016-17 as Item No. 204 of Northern Railway at the abstract cost of Rs. 19.50 Crore (Rupees nineteen crore and fifty lakh only). Break up of cost is enclosed as "Annexure".

Vinita

(Vinita Narera)
Director Electronics(C&IS)

Copy to :-

1. The Chief Commercial Manager, Northern Railway, New Delhi.
2. Managing Director/CRIS, Chanakyapuri, New Delhi.
3. F(X)-II and Budget Branches of Railway Board.

Annexure

Abstract cost of the work of "Enterprise Service Bus for IT application of Indian Railways"

S.No.	Item	Cost (Rs. In Crore)
1	Development and Testing Hardware/Software	0.90
2	Production Hardware/Software	2.80
3	ESB Software	11.70
4	Implementation Help/Services	1.50
5	Training by OEM, CRIS Internal HR	1.60
6	Hosting/Contingencies	1.00
	Total	**19.50**

Vinita