GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. 2017/C&IS/Project/Auto Gen Loco Link/9 New Delhi, Dated: 17.07.2018

The General Manager,
Northern Railway,
New Delhi.

Sub:- Sanction for the work of "Auto Generation of Optimized Loco Link".

Ref:- 1. CRIS's letter No. 2017/CRIS/NDLS-HQ/CC/Project/WorkPrsal/0277/Pt-1 dated 21.09.2017.
2. Board's letter No. 2018-B-106 dated 18.06.2018.
3. Board's letter No. 2015/C&IS/Project/Executing/32 dated 06.07.2018.

A new work **"Auto Generation of Optimized Loco Link" under the Pink Book Item No. 229/2018-19 of Northern Railway (Other Information Technology works on Indian Railways)** has been included in the Pink Book of the year 2018-19 as Item No.229g of Northern Railway at the abstract cost of Rs. 21,31,35,000/- (Rupees twenty one crore thirty one lakh and thirty five thousand only) under the allocation "Capital" under the plan Head – 17 (Computerization).

Item-wise break up of cost is appended as "Annexure".

Vinita
17/7/18
(Vinita Narera)
Director Electronics(C&IS)

Copy to :-

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

Annexure

No. 2017/C&IS/Project/Auto Gen Loco Link/9 New Delhi, Dated: 17.07.2018

Item-Wise break up of cost of the work of "Auto Generation of Optimized Loco Link"

S.N	ITEM	Unit	Rate (Without Tax) inRs.	QTY	Tax (%)	Rate (WithTax) (in Rs.)	Total (withTax) (in Rs.)
1	**Production Hardware**						
1.1	Hardware	L/S	6,854,789	1	18	8,088,651	8,088,651
	Total Production Hardware						***8,088,651***
2	**Production System Software**						
2.1	Optimisation S/W	L/S	56,941,439	1	18	67,190,898	67,190,898
	Total for production software						***67,190,898***
3	**Network (CRIS)**						
3.1	Cost to be shared for upcoming network & security Infrastructure including Internet Bandwidth at RIDC, CRIS	L/S	841,868	1	18	993,404	993,404
	Total for Network						**993,404**
4	**Application Development**						
4.1	Customization and Deployment Services	L/S	40,000,000	1	18	47,200,000	47,200,000
4.2	Man Power Application Development	L/S	25,860,068	1	18	30,514,881	30,514,881
4.3	Manpower Project Management	L/S	11,196,837	1	18	13,212,268	13,212,268
	Total for application development						**90,927,148**
5	**Development & Staging Software & Hardware**						
5.1	HW & SW	L/S	6,379,623	1	18	7,527,955	7,527,955
	Total for development and staging software hardware						***7,527,955***
6	**Data Centre**						

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6.1	UPS and PAC augmentation for datacentre @Rs. 2.5 lakh / KVA	KVA	257,000	10	18	303,260	3,032,600
	Total Data centre						***3,032,600***
7	**Total (1 to 6)**						**177,760,656**
	Total Procurement cost						**177,760,656**
8	**CRIS Charges**						
8.1	ICT Innovation	3.00%		1			5,332,820
8.2	Quality/ ISO - Certification	2.00%		1			3,555,213
8.3	CRIS Internal IT Systems (HW/SW) and Information Security	2.00%		1			3,555,213
8.4	Procurement Charges	2.00%		1			3,555,213
8.5	Contingency charges	1.00%		1			1,777,607
	Total CRIS Charges						**17,776,066**
9	**Total CRIS (8 + 9)**						**195,536,722**
10	**FOIS establishment**						
10.1	FOIS charges	8.00%		1			15,642,938
10.2	Contingency charges	1.00%		1			1,955,367
	Total FOIS establishment						**17,598,305**
	Grand Total (9+10)						**21,31,35,027**
	Rounded off						**Rs. 21,31,35,000/-**

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17/7/14