GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. 2017/C&IS/Project/EPMO Tool/50 **New Delhi, Dated: 18. 07.2018**

The General Manager,
Northern Railway,
New Delhi.

Sub:- Sanction for the work of "Selection, procurement, deployment, training, customization and support for implementing Enterprise Project Management Office Tool for Project Management across organization".

Ref:- 1. Board's letter No. 2018-B-106 dated 18.06.2018.
2. Board's letter No. 2015/C&IS/Project/Executing/32 dated 06.07.2018.

A new work **"Selection, procurement, deployment, training, customization and support for implementing Enterprise Project Management Office Tool for Project Management across organization" 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.229d of Northern Railway at the abstract cost of Rs. 6,08,00,000/- (Rupees six crore and eight lakh only) under the allocation "DF-3" under the plan Head – 17 (Computerization).

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

Vinita 18/7/18
(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, Chanakyauri, 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/EPMO Tool/50 New Delhi, Dated: 18.07.2018

Item-Wise break up of cost of the work of ""Selection, procurement, deployment, training, customization and support for implementing Enterprise Project Management Office Tool for Project Management across organization"

S.No.	Items	Unit	Qty (Q1)	Rate (R1)	Total (Q1*R1) (In Rs.)
1	**Application Software - Development (Resources) Costs**				
1.1	SSE	person-months	6.0	1,63,922	9,83,532
1.2	ASE	person-months	12.0	1,20,863	14,50,356
	Total for Application SW (1)				**24,33,888**
2	**Skills Development (of Resources & Customers) Costs**				
2.1	Training for Enterprise Project Management Office S/W			20,00,000	20,00,000
	Total for Skills Development (2)				**20,00,000**
3	**Implementation, Training and Data Mgt. Costs**				
3.1	Training by OEM	persons	15	3,00,000	45,00,000
3.2	Books and Journals	Lumpsum	1	1,00,000	1,00,000
3.3	Travel costs for Engineers training	"@15%"	1	45,000	45,000
	Total Implementation & Training (3)				**46,45,000**
4	**SYSTEM SOFTWARE (Sys-SW) Costs**				
4.1	**System Software for Dev. & Staging (in CRIS) /for Pilot Development**				
4.1.1	EPMO Tool	Lic	1	20,00,000	20,00,000
	Sub Total : Pilot /Dev. Sys-SW (4.1)				**20,00,000**
4.2	**System Software for Production Systems**				
4.2.1	EPMO Tool	Nodes	20	20,00,000	4,00,00,000
4.2.2	Installation & Commissioning services	"10%"	1	42,00,000	42,00,000
	Sub Total : Prod. Sys-SW (4.2)				**4,42,00,000**
	Sub Total : Sys-SW (4.1 + 4.2)				**4,62,00,000**
	Sub-Total for Project costs (1+2+3+4)				**5,52,78,888**
5	**CRIS Charges on above :**				
5.1	R&D, PoCs, Evaluations, @ 3%	0.03			16,58,367
5.2	Quality / ISO - Certifications @ 2 %	0.02			11,05,578
5.3	CRIS Internal IT Systems (HW and SW) and Information Security @ 2 %	0.02			11,05,578
5.4	Procurement, Hiring, @ 2%	0.02			11,05,578
5.5	Contingencies @ 1 %	0.01			5,52,789
	Sub-Total of CRIS Charges				**55,27,889**
	Grand Total of Project (1 to 4 + 5)				**6,08,06,777**
	Rounded off				**Rs. 6.08 cr.**

Vinita
18/7/18