2024/C&IS/Project/Migratione-TenderingMod/3 (Computer No. 3462757)
1976009/2025/RBCC

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**GOVERNMENT OF INDIA**
**MINISTRY OF RAILWAYS**
**(RAILWAY BOARD)**

**No. 2024/C&IS/Project/Migratione-TenderingMod/3** **N. Delhi dated 01.01.2025**

**The General Manager,**
**Northern Railway,**
**New Delhi.**

**Sub: Proposal for the work of "Migration of e-Tendering Modules (UVAM, e-Auction, Demurrage & Wharfage, TPI etc.) from Struts to Spring Boot framework" – reg.**

**Ref: CRIS's letter No. 2024/CRIS/NDLS-ITPI/EPS/PROJECT/88/0249/ PT-1 dated 06.03.2024.**

Approval of Board (M/O&BD, Member/Finance and Chairman & CEO) is hereby communicated for the work **" Migration of e-Tendering Modules (UVAM, e-Auction, Demurrage & Wharfage, TPI etc.) from Struts to Spring Boot framework**"of Northern Railway at a cost of Rs.10.87 Crore (Rupees Ten Crore and Eighty Seven Lakh only) chargeable to allocation "Capital" under the sanctioned Umbrella 'Computerization and Information Technology Projects on Indian Railways- Umbrella work 2023-24 (Pink Book Item No. 145 of 2024-25 under Northern Railway)'. Item-wise break-up of cost of the work is attached as 'Annexure'.

Accordingly, the necessary action may be taken for inclusion of the above work in the LAW Book of Northern Railway.

This issues with the concurrence of Finance Directorate of Ministry of Railways.

Signed by
Bharat Bhushan Harit
Date: 01-01-2025 14:36:54

**(Bharat Bhushan Harit)**
**Director/MR/(C&IS)**

**No. 2024/C&IS/Project/Migratione-TenderingMod/3** **N. Delhi dated 01.01.2025**

**Copy to:**

1. The Principal Financial Adviser, Northern Railway, New Delhi.
2. Principal Director of Audit, Northern Railway, New Delhi.
3. The Dy. Comptroller and Auditor General of India (Railways), Room No. – 224, Rail Bhawan, New Delhi.

Signed by
Sanjay Kumar Singh
Date: 01-01-2025 15:29:20

**For Member Finance**

**Copy to:**

1. The Executive Director, RS(P), Railway Board, Rail Bhawan, New Delhi
2. The CE(P&D), Northern Railway, New Delhi.
3. The Managing Director, CRIS, Chanakyapuri, New Delhi.
4. F(X)-II and Budget Branches of Railway Board.



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**Annexure**

**No. 2024/C&IS/Project/Migratione-TenderingMod/3** **N. Delhi dated 01.01.2025**

**Break up of the cost of the work of " Migration of e-Tendering Modules (UVAM, e-Auction, Demurrage & Wharfage, TPI etc.) from Struts to Spring Boot framework ":**

| S. No. | | Item | Unit | Qty (Q) | Rate (R) (in Rs.) | Cost (Q*R) (Rs.) |
|---|---|---|---|---|---|---|
| **1** | **Application Software - Development (Resources) Costs** | | | | | |
| | 1.1 | Application Development (PPE) | Man-months | 60 | 367919 | 22075140 |
| | 1.2 | Application Development (SSE) | Man-months | 72 | 225202 | 16214544 |
| | 1.3 | Application Development (ASE) | Man-months | 84 | 168948 | 14191632 |
| | 1.4 | Integration Activity | Man-months | 6 | 196947 | 1181682 |
| | 1.5 | Training & Rollout | Man-months | 3 | 246756 | 740268 |
| | 1.6 | Project Management | Man-months | 6 | 435180 | 2611080 |
| | | **Total - Application Software - Development (Resources) cost (1)** | | | | **57014346** |
| **2** | **System Software (Sys-SW) Costs** | | | | | |
| | **2.1** | **System Software for Production Systems** | | | | |
| | 2.1.1 | Business Intelligence and Data Analysis software/ Reporting Tool | Core | 4 | 1694627.11 | 6778508.44 |
| | 2.1.2 | Cloud Infrastructure as a Service for DC, NDLS | | | | 10002891.12 |
| | 2.1.3 | Cloud Infrastructure as a Service for DR, SC | | | | 10002891.12 |
| | | **Total - System Software (Sys-SW) Cost (2)** | | | | **26784290.68** |
| | | **Sub Total - Project Cost (1+2)** | | | | **83798636.68** |
| **3** | **CRIS Charges on above** | | | | | |
| | 3.1 | ICT Innovation @3% | | 3 | | 2513959.10 |
| | 3.2 | Quality ISO - Certifications @2% | | 2 | | 1675972.73 |
| | 3.3 | CRIS Internal IT System (HW/SW) and Information Security @2% | | 2 | | 1675972.73 |
| | 3.4 | Procurement Services @2% | | 2 | | 1675972.73 |
| | 3.5 | Contingency Charges @1% | | 1 | | 837986.37 |
| | | **Sub Total - CRIS Charges on above (3)** | | | | **8379863.66** |
| **4** | | **Total Project Cost (1+2+3)** | | | | **92178500.34** |
| **5** | | **GST @18% of Rs. 92178500.34** | | | | **16592130.06** |
| | | **Grand Total (4+5)** | | | | **108770630.40** |
| | | **Rounded off** | | | | **Rs. 10.87 Crore** |



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