GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. 2020/C&IS/Project/Proposals/Umbrella 2020-21/2 Pt.1. **New Delhi, Dated: 29 .04.2022**

The General Manager,
Northern Railway, New Delhi.

Sub:-Sanction of the work "Advance Information Security Group Project".

Ref:-CRIS's letter No. 2019/CRIS/NDLS-HQ/I&S/INFO-SECU./ ISGP/139/Pt-1 dated 02.12.2020.

Approval of Board (M/O&BD, Member/Finance and Chairman & CEO) is hereby communicated for the work "**Advance Information Security Group Project**" of Northern Railway at a cost of Rs. 53.84 Crore (Rupees fifty three crore and eighty four lakh only) chargeable to DF-3 under the sanctioned Umbrella '**Information Technology related works on Indian Railways**' (Pink Book Item No. 252 of 2022-23 under Northern Railway).

This work is now appearing as PB Item No. 259b of 2022-23 under Northern Railway.

Item-wise cost of the work is appended as "Annexure".

The Project Management Establishment (PME) and Implementation charges taken for the project being implemented by CRIS is under review in Railway Board. Any changes thereof, would need to be taken into account at the time of preparation/sanctioning of the Detailed Estimate of this work.

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

(Bharat Bhushan Harit)
Jt. Director/ME (C&IS)

No. 2020/C&IS/Project/Proposals/Umbrella 2020-21/2 Pt.1. **New Delhi, Dated: 29 .04.2022**

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.**

For Member Finance

Copy to :

1. **The Chief Administrative Officer/FOIS, CRIS Complex, Chanakyapuri, New Delhi.**
2. **Managing Director/CRIS, Chanakyapuri, New Delhi.**
3. **F(X)-II and Budget Branches of Railway Board.**

Pl. issue fair
29/04/2022

Annexure

No. 2020/C&IS/Project/Proposals/Umbrella 2020-21/2 Pt.1. New Delhi, Dated: 29.04.2022

Abstract Estimate of Advance Information Security Group Project

Sl.	Item	Qty (Q1)	Rate (R1)	
1	**Application Software - Security Audit (Efforts) Costs**			
1.1	Info-Sec support : Technical support to CRIS Groups, day to day operations, Management, incl. User Manuals	108	143425	15,489,900
1.2	Procurement and Implementation Effort of New Security Tools	27	810383	21,880,341
			Total for Application SW (1)	**37,370,241**
2	**Skills Development Costs**			
2.1	Technical & Managerial Skills development	1	888,000	888,000
2.2	Advisory Services	3	2,090,000	6,270,000
			Total for Skills Development (2)	**7,158,000**
3	**Implementation, Training and Data Mgt. Costs**			
3.1	Implementation and Handholding Support for Certifications for Regional Data Centre and CRIS	1.00	2,140,000	2,140,000
3.2	OEM Man Days Support	15.00	46,060	690,900
3.3	Technical Training provided by OEMs	4.00	525,000	2,100,000
			Total Implementation & Training (3)	**4,930,900**
4	**SYSTEM SOFTWARE & Info-Sec Tools Costs**			
4.1	**System Software for Production Systems**			
4.1.1	Operating System	10	120,000	1,200,000
4.1.2	Database	16	470,000	7,520,000
4.1.3	Audit and Risk Management Solution for Network Security Devices	1	48,817,932	48,817,932
4.1.4	Governance Risk and Compliancer Tool	1	42,200,000	42,200,000
4.1.5	Data Protection Tool	1	60,727,020	60,727,020
4.1.6	Source Code Analysis for 30 Applications in CRIS	1	5,296,355	5,296,355
4.1.7	Software Composition Analysis Tool	1	38,226,615	38,226,615
4.1.8	Vulnerability Management Solution	1	49,730,822	49,730,822
4.1.9	Container Security	1	5,188,908	5,188,908
4.1.10	Black Box Security Testing Tool	2	21,036,878	42,073,756
4.1.11	Audit Assistant Tools (To identify false positive)	1	22,681,436	22,681,436
4.1.12	RASP Security Solutions	1	24,731,857	24,731,857
			Sub Total : Prod. Sys-SW (4.1)	**348,394,701**
			Sub Total : Sys-SW (4)	**348,394,701**
5	**HARDWARE Systems Costs**			

5.1	**Cloud Infrastructure - Core**			
5.1.1	Cloud Infrastructure - Core	104	1	1
5.1.2	Laptops/Desktops for Development & Support	6	53,200	319,200
	Sub Total of Dev. /Pilot HW (5.1)			**319,201**
5.2	**Cloud Infrastructure - Storage**			
5.2.1	Cloud Infrastructure - Storage	8	1.00	1
	Sub Total (5.2)			**1**
5.3	**Terminal Sub-Systems (TSS)**			
5.3.1	SMS sending/responding system (Alerts)	Lumpsum		50,000
	Sub Total for TSS (5.3)			50,000
	Total for System Hardware (5.1+5.2+5.3)			**369,202**
6	**Network Equipment /Infrastructure Costs (FOIS /UTN, RCIL, open to Internet)**			
6.1	Firewall, IPS, IDS, SIEM, NOC Augmentation costs @CRIS	12	185,000	2,220,000
	Sub Total NW Equipment / Infra (6)			**2,220,000**
7	**Facilities (Civil & Electrical) Costs**	**If Facilities of CRIS Data-Center (D-C) to be shared /used.**		
7.1	Rack-space Costs for Systems & Storage (recurring hosting costs)	2	1,261,462	2,522,924
7.2	Power, UPS & Cooling Electricals in CRIS data centre - initial facility provision	12	358,000	4,296,000
	Total for Facilities at CRIS (7)			**6,818,924**
8	**Project Management (Establishment related)**			
8.1	**Phase-1 (Development of User & System Requirement Specifications, Designs)**			
8.1.1	GGM/GM	9	366,371	3,297,339
8.1.2	Asstt. Manager	27	156545	4,226,715
	Total of Project Management (8)			**7,524,054**
9	**Sub-Total for Project costs (1+2+3+4+5+6+7+8)**			**414,786,022**
10	**CRIS Charges on above :**			
10.1	ICT Innovations@3%			12,443,581
10.2	Quality/ISO-Certifications@2%			8,295,720
10.3	CRIS Internal IT Systems (HW/SW) and Information Security@2%			8,295,720
10.4	Procurement Services@2%			8,295,720
10.5	Contingency Charges@1%			4,147,860
	Sub-Total of CRIS Charges(10)			**41,478,602**
11	**Total Project Cost (9 + 10)**			**456,264,624**
12	**GST @ 18%**			**82,127,632**
	Total for project Cost including GST @ 18% (11 + 12)			**538,392,257**
	Rounded Off			**Rs. 53.84 Crore**