GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. 2020/C&IS/Project/Proposals/Umbrella 2020-21/2 Pt.1. **New Delhi, Dated: 11.08.2021**

The General Manager,
Northern Railway, New Delhi.

Sub:- **Sanction of the work "Computerization and Digitization of Railway Claims Tribunal".**

Ref:- **Railway Claims Tribunal's letter No. RCT/DLI/Computerization/NIC/2020 dated 27.02.2020.**

Approval of Board (M/O&BD, Member/Finance and Chairman & CEO) is hereby communicated for the work **"Computerization and Digitization of Railway Claims Tribunal"** of Northern Railway at a cost of Rs. 7.59 Crore (Rupees seven crore and fifty nine lakh only) chargeable to DF(3) under the sanctioned Umbrella **'Information Technology related works on Indian Railways'** (Pink Book Item No. 242 of 2020-21 under Northern Railway).

This work is now appearing as PB Item No. 247a of 2021-22 under Northern Railway.

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

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

(Kuldeep Singh) 11/8/21
Director/Mech Engg(C&IS)

No. 2020/C&IS/Project/Proposals/Umbrella 2020-21/2 Pt.1. **New Delhi, Dated: 11.08.2021**

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 Executive Director/P(G), Railway Board, Rail Bhawan, New Delhi.**
2. **The Chief Administrative Officer(PIS), Northern Railway, IRCA Building, New Delhi.**
3. **The Director General/National Informatics Centre (NIC), New Delhi.**
4. **F(X)-II and Budget Branches of Railway Board.**

O/C issue fair w.e.p.l.c
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Annexure

No. 2020/C&IS/Project/Proposals/Umbrella 2020-21/2 Pt.1. New Delhi, Dated: 11.08.2021

Computerization and Digitization of Railway Claims Tribunal

First Year Cost						
S.No.	**Items**	**No of Resources**	**Duration**	**Average Per month charges**	**Total (Rs.) excluding Taxes**	**Total including NICSI charges @ 7% and including taxes @18%**
1	Website Development cost including Security Audit				1200000	1515120
e-RCT (Courts Online System Cost						
Phase 1 - 1st year of implementation						
Requirement Gathering, Software Design, Application Development, Cloud Setup and Security Audit Manpower						
2	Project Management and Consulting	1	6	270000	1620000	2045412
3	Software Development Team for development of e-Filing, CIS and DMS modules (Program Manager, Team Leads, Senior Software Developers, Developers)	6	12	120000	8640000	10908864
4	Software Design Team	1	6	50000	300000	378780
5	Cloud Administration/System Administrator Team	1	12	120000	1440000	1818144
6	Application Security Audit Team	1	2	125000	250000	315650
A	**Sub Total**					**15466850**
Infrastructure Requirement						
7	Servers (10 VMs each with 64 GB RAM and 16 v CPU)	10	12	21174	2540880	3208115
8	NAS Storage (Required with incremental storage - * Initially 1 TB required)	2	12	3840	92160	116361
9	All in One Printer				100000	126260
B	**Sub Total**					**3450736**
Technical Support Manpower and Rollout Support						
10	Technical Support Manpower (During Pilot Phase)	2	3	35000	210000	265146
11	Technical Support Manpower (For rollout of Software across 18 benches)	18	3	35000	1890000	2386314
12	Miscellaneous Cost - SSL Certificate, Document Signer Certificate, SMS charges, Training requirements, Travel, Laptop etc.			400000	400000	505040
C	**Sub Total**					**3156500**

D	**Sub Total cost for 1st year of implementation (A+B+C)**					**22074086**
Second Year Cost						
S.No.	**Items**	**No of Resources**	**Duration**	**Average Per month charges**	**Total (Rs.) excluding Taxes**	**Total including NICSI charges @ 7% and including taxes @18%**
Phase 2 - 2nd year of implementation						
Software Upgradation, Integration and Dashboard/MIS Generation, Cloud Support and Security Audit related activities						
13	Software Development Team for development of e-Filing, CIS and DMS modules (Team Leads, Senior Software Developers, Developers)	5	12	132000	7920000	9999792
14	Cloud Administration/System Administrator Team	1	12	132000	1584000	1999958
15	Application Security Audit Team	1	1	137500	137500	173608
E	**Sub Total**					**12173358**
Infrastructure Requirement						
16	Servers (10 VMs each with 64 GB RAM and 16 v CPU)	10	12	23291	2794920	3528866
17	NAS Storage (Required with incremental storage - Initially *1 TB required)	3	12	4224	152064	191996
F	**Sub Total**					**3720862**
Technical Support Manpower and Rollout Support						
18	Technical Support Manpower (Post rollout of Software across 18 benches)	18	12	38500	8316000	10499782
19	Miscellaneous Cost - SSL Certificate, Document Signer Certificate, SMS charges, Training requirements, Travel etc.			400000	400000	505040
G	**Sub Total**					**11004822**
H	**Sub Total cost for 2nd year of implementation (E+F+G)**					**26899042**
Third Year Cost					0	
Phase 3 - 3rd year of implementation						
Software Upgradation, Maintenance, Support, Cloud Support and Security Audit related activities						
20	Software Development Team for development of e-Filing, CIS and DMS modules (Team Leads, Senior Software Developers, Developers)	3	12	145200	5227200	6599863
21	Cloud Administration/System Administrator Team	1	12	145200	1742400	2199954
22	Application Security Audit Team	1	1	151250	151250	190968
I	**Sub Total**					**8990785**

Infrastructure Requirement						
23	Servers (10 VMs each with 64 GB RAM and 16 v CPU)	10	12	25621	3074520	3881889
24	NAS Storage (Required with incremental storage - Initially 2 TB required)	4	12	4646	223008	281570
J	**Sub Total**					**4163459**
Technical Support Manpower and Rollout Support						
25	Technical Support Manpower (Post rollout of Software across 18 benches)	18	12	42350	9147600	11549760
26	Miscellaneous Cost - SSL Certificate, Document Signer Certificate, SMS charges, Training requirements, Travel etc.			200000	200000	252520
K	**Sub Total**					**11802280**
L	**Sub Total cost for 3rd year of implementation (I+J+K)**					**24956524**
M	**Total cost of work (1+D+H+L)**					**75444772**
N	Contingency					500000
	Grand Total (M+N)					**75944772**
	Rounded off					**Rs. 7.59 Crore**

11/8/2