

**NORTHERN REGION-O AND M/RAILTEL NORTHERN REGION
TENDER DOCUMENT**

Tender No: RCIL-VSS-NR-04

Closing Date/Time: 14/07/2023 15:00

DGM/O M acting for and on behalf of The President of India invites E-Tenders against Tender No **RCIL-VSS-NR-04** Closing Date/Time 14/07/2023 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

1. NIT HEADER

Bidding type	Two Stage Reverse Auction	Template	Normal
Contract type	Mixed (Goods/Service/AMC)	Contract Category	Expenditure
Tender No	RCIL-VSS-NR-04	Tender Type	Open - Indigenous
Evaluation Criteria	Total Value Wise	Bidding System	Two Packet
Pre-Bid Conference Required	Yes	Pre-Bid Conference Date Time	30/06/2023 11:00
Tendering Section	O AND M		
Inspection Agency	Please see item details	Publishing Date / Time	23/06/2023 19:11
Bidding to be Done on	IREPS		
Procure From Approved Sources	No	Approving Agency	Not Applicable
Closing Date Time	14/07/2023 15:00		
Validity of Offer (Days)	120	Ranking Order for Bids	Lowest to Highest
Tender Doc. Cost (INR)	11800.00	Earnest Money (INR)	5558900.00
Initial Financial Offer Required	Yes	Auto Elimination rules applicable	For all vendors (Bulk/developmental)
Initial Cooling Off Period (HH:MM)	02:00	Subsequent Cooling Off Period (HH:MM)	00:30
Succesive Lots Closing Interval (Min.)	Not Applicable	Minimum Decrement (%)	0.10
Vendor Categories	Bulk/Developmental	Item Category	General
Allow Next Bid Lower Than	Current Lowest Bid (Subject to Min. Decrement)		
Tender Title	Supply, Installation, Testing, Commissioning, Integration with Existing VSS Infra, Operation and Maintenance of IP based Video Surveillance System (VSS) at Railway Stations under Northern Region of RailTel for and on behalf of Indian Railways from Nirbhaya/Railway Fund (E-Tender No. Railtel/Tender/OT/NR/NTP/2023-24/VSS/04 Dated: 23.06.2023)		

2. ITEM DETAILS

S.No.	PL Code (Group)	Item Type GST(Y/N)	Stock / NonStock	Ordering	Consider For Eval	Approving Agency	Inspection Agency	Currency Allowed	Estimated Rate
Group A-SCHEDULE-A (SUPPLY)									
1	1 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :A.1 (IP cameras at stations) Supply of Full HD Fixed dome type IP colour camera along with all accessories required including bracket/fixture/Angle for fixing of camera for installation purposes as defined in chapter 8.								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		73.00 Numbers	
2	2 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	

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Description :A.2 (IP cameras at stations)- Supply of Full HD Bullet type IP colour camera along with all accessories required including bracket/fixture/Angle for fixing of camera for installation purposes as defined in chapter 8									
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		1515.00 Numbers	
3	3 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
Description :A.3 (IP cameras at stations)- Supply of Full HD PTZ type IP colour camera along with all accessories required including bracket/fixture/Angle for fixing of camera for installation purposes as defined in chapter 8.									
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		364.00 Numbers	
4	4 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
Description :A.4 (IP cameras at stations)- Supply of 4K UHD Bullet type IP colour camera along with all accessories required including bracket/fixture/Angle for fixing of camera for installation purposes as defined in chapter 8									
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		343.00 Numbers	
5	5a (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
Description :B.5a (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Supply of Server/Workstation/NVR for Video Management, Video Recording with redundancy along with all accessories required for installation purposes as defined in chapter 8.									
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		151.00 Set	
6	5b (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
Description :B.5b (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)-Supply of Server/Workstation for Video Analytics with redundancy along with all accessories required for installation purposes as defined in chapter 8.									
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		151.00 Set	
7	6 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
Description :B.6 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Supply of Server/Workstation for Facial Recognition System with redundancy along with all accessories required for installation purposes as defined in chapter 8.									
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		151.00 Set	
8	7 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
Description :B.7 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Supply of Storage System at RPF Thana/Post sites for recording of cameras from cluster of stations along with all accessories required for installation purposes as defined in chapter 8. Note: Bidder are required to quote price for complete storage as per Clause no. 8.1.3.3 of Chapter-8 (Section-I) as a Lot for all type of Cameras mentioned in Annexure-VI of Chapter-7 (Section-I).									
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		1.00 Lot	
9	8 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
Description :B.8 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Supply of Software (per camera basis) for Video Management and Video recording (including Software for Remote Viewing on Web and Mobile app) as defined in chapter 8.									
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		18624.00 Numbers	
10	9 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
Description :B.9 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Supply of Software (per camera basis) for Video Analytic as defined in chapter 8.									
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		3995.00 Numbers	
11	10 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	

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Description :B.10 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)-Supply of Software (per camera basis) for Facial Recognition System as defined in chapter 8.									
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		695.00 Numbers	
12	11 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :B.11 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Supply of PC Workstation for viewing, monitoring and system management including 4K UHD 24-inch LED Monitor, all required licensed software, spike buster 500VA UPS with backup for 30 minutes power failure without interruption, and all other required accessories as defined in chapter 8.								
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		51.00 Set	
13	12 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :B.12 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Supply of Graphical User Interface based Client Software (per workstation basis) for workstation as defined in chapter 8.								
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		51.00 Numbers	
14	13 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :B.13 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Supply of Digital Keyboard (Joystick) compatible with PTZ cameras along with all accessories required for installation purposes as defined in clause 8.5 of chapter 8.								
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		164.00 Numbers	
15	14 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :B.14 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Supply of Large Format Display Monitor (55 inch or Higher) along with all accessories required for installation purposes as defined in chapter 8.								
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		96.00 Numbers	
16	15 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :B.15 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Supply of Type-III switches along with optics (SFP+40Km) and all accessories required for installation purposes as defined in chapter 8.								
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		230.00 Numbers	
17	16 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :B.16 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Supply of 2x10KVA UPS connected in parallel redundant mode in separate chassis along with all accessories required for installation purposes as defined in chapter 8.								
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		65.00 Numbers	
18	17 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :B.17 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Supply of 19-inch 42U racks along with all accessories like electrical fitting (power strip, MCB etc.), Fan tray, Patch Panel etc. required for installation of the equipment as per specification defined in chapter 8								
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		52.00 Numbers	
19	18 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :C.18 (IT infrastructure, applications and associated items at RailTel datacentre(s))- Supply of VSS Server/workstation Hardware for Video Management (including streaming server) as defined in chapter 8 and all accessories required for installation purposes.								
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		2.00 Set	
20	19 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :C.19 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Supply of VSS Server/Workstation Hardware Facial Recognition database system as defined in chapter 8.								
Consignee	AS PER TENDER CONDITIONS					As per tender Conditions		2.00 Set	

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21	20 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :C.20 (IT infrastructure, applications and associated items at RailTel datacentre(s))- Supply of Storage System of 240 TB capacity for recording of alerts, alarms of cameras of analytics and other applications requirement as defined in chapter 8.								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		2.00 Lot	
22	21 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :C.21 (IT infrastructure, applications and associated items at RailTel datacentre(s))-Supply of Type-III switches (With SFP+ 10 Km) as Top of the Rack Switch in (1+1) along with all accessories required for installation purposes as defined in chapter 8								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		4.00 Numbers	
23	22 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :C.22 (IT infrastructure, applications and associated items at RailTel datacentre(s))- Supply of EMS System (Hardware and Software) in RailTel Datacentres (Gurugram and Secunderabad) as per specification defined in chapter 8.								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		1.00 Lot	
24	23 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :D.23 (IT infrastructure and associated items at Railway Stations)- Supply of Type-I Switches along with optics (SFP-BX) and other installation accessories as defined in chapter-8.								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		533.00 Numbers	
25	24 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :D.24 (IT infrastructure and associated items at Railway Stations)- Supply of Type-II switches along with optics (SFP-BX (10KM) Single Fiber, SFP+ (10KM/40KM)) and other installation accessories as defined in chapter8.								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		217.00 Numbers	
26	25 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :D.25 (IT infrastructure and associated items at Railway Stations)- Supply of 24 Fibre FMS (SC-APC Type) along with all installation accessories like patch chord, pigtails etc. as defined in chapter 8								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		463.00 Numbers	
27	26 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :D.26 (IT infrastructure and associated items at Railway Stations)- Supply of 12 Fibre FMS (SCAPC Type) along with all installation accessories like patch chord, pigtails etc. as defined in chapter 8								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		904.00 Numbers	
28	27 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :D.27 (IT infrastructure and associated items at Railway Stations)- Supply of 19-inch 9U racks along with all accessories like power strip, MCB, Fan tray, Patch Panel etc.as defined in chapter 8								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		1477.00 Numbers	
29	28 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :D.28 (IT infrastructure and associated items at Railway Stations)- Supply of Online UPS system, single phase of rating 1KVA UPS along with Battery suitable for 1hr back-up and other installation accessories as defined in chapter 8								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		260.00 Numbers	
30	29 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :D.29 (IT infrastructure and associated items at Railway Stations)- Supply of Online UPS system, single phase of rating 2KVA UPS along with Battery suitable for 1hr back-up and other installation accessories as defined in chapter 8								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		220.00 Numbers	

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31	30 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :D.30 (IT infrastructure and associated items at Railway Stations)- Supply of MFCE Earth with multiple pits complete with all accessories (less than 1 Ohm) as defined in Section-II, Chapter-5								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		104.00 Numbers	
32	31 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :D.31 (IT infrastructure and associated items at Railway Stations)- Supply of ACDB for AC distribution Box with Lock and key arrangements and ISI mark MCBs of various ratings as per site requirements for installation at sites								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		151.00 Numbers	
33	32 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :D.32 (IT infrastructure and associated items at Railway Stations)- Supply of Panic Switch (IK10 and IP66 rat- ed) with Mushroom Cap Push- Button in Red Colour, DPDT contacts 2Amps 24 VDC, Stainless Steel Face Plate with GI Junction Box of suitable size and flasher cum strobe of min. 100dB including all accessories required for installation on platforms at stations.								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		778.00 Numbers	
34	33 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :E.33 (Supply/Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)- Supply of STP CAT-6 Cable as defined in Chapter-8								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		58503.00 Metre	
35	34 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :E.34 (Supply/Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)-Supply of 12 Core Aerial Drop Optic Fiber Cable as per TEC specification mentioned in Chapter-8.								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		192996.00 Metre	
36	35 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :E.35 (Supply/Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)- Supply of PVC insulated 3 core 4 Sq. mm (1.1 KV grade) outdoor strengthened Copper Cable for UPS supply distribution (as per BIS/ISI standards) along with all accessories.								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		164507.00 Metre	
37	36 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :E.36 (Supply/Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)- Supply of 32mm PVC flexible pipe								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		32322.00 Metre	
38	37 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :E.37 (Supply/Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)- Supply of 32mm PVC conduit pipe (ISI mark)								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		518849.00 Metre	
39	38 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :E.38 (Supply/Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)- Supply of 40mm dia. HDPE pipe as defined in Chapter-8								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		7270.00 Metre	
40	39 (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :E.39 (Supply/Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)- Supply of GI pipe (50 mm Dia - 3.65 mm thick) as per IS1239, Pt-1, medium grade.								

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Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		1370.00 Metre	
41	40 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :40 -Supply of Media Convertor Pair as defined in chapter 8								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		44.00 Pair	
42	41 (A)	Goods (Y)	Non Stock	---	Yes		TPI Agency	INR	
	Description :41 -Spares @ 8% of supply against item 1, 2,3,4,15,21,23 and 24 as defined in clause 3.D.9 in chapter 3.								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		1.00 Lot	
43	42a (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :42A -(Supply of Hardware and Software for Command Control Centre as defined in chapter 8)- Supply of Server/Workstation for Command Control Centre with (N:1) redundancy at Data Centre (DC-DR) along with all accessories required for installation purposes defined in chapter8								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		1.00 Lot	
44	42b (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :42B -(Supply of Hardware and Software for Command Control Centre as defined in chapter 8)- Supply of Software for Command-and-Control Centre at Data Centre (DC-DR) along with required license and integration with VMS, VA & FRS applications of Northern Region, Eastern Region, Western Region and Southern Region as defined in chapter 8.								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		1.00 Lot	
45	42c (A)	Goods (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :42C -(Supply of Hardware and Software for Command Control Centre as defined in chapter 8)- Supply of IT Infrastructure at Command Control Centre as defined in Clause 8.3.7.1 of chapter 8.								
Consignee		AS PER TENDER CONDITIONS				As per tender Conditions		1.00 Lot	
Group B-SCHEDULE-B (SERVICES)									
1	1 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :A.1 (IP cameras at stations)- Installation, Testing and commissioning of Full HD Fixed dome type IP colour camera								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		73.00 Numbers	
2	2 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :A.2 (IP cameras at stations)- Installation, Testing and commissioning Full HD Bullet type IP colour camera								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		1515.00 Numbers	
3	3 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :A.3 (IP cameras at stations)- Installation, Testing and commissioning of Full HD PTZ type IP colour camera								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		364.00 Numbers	
4	4 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :A.4 (IP cameras at stations)- Installation, Testing and commissioning of 4K UHD Bullet type IP colour camera								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		343.00 Numbers	
5	5a (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	

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Description :B.5a (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Installation, Testing and commissioning of Server/Workstation/NVR for Video Management and Video Recording.									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		151.00 Set	
6	5b (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :B.5b (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)-installation, testing and commissioning of Server/Workstation for Video Analytics									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		151.00 Set	
7	6 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :B.6 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)-Installation, testing and commissioning of Server/Workstation for Facial Recognition System									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		151.00 Set	
8	7 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :B.7 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Installation, Testing and commissioning of Storage System at RPF/GRP Thana/Post sites for recording of cameras from cluster of stations.									
At (Location)		AS PER TENDER CONDITIONS				Uttarakhand		1.00 Lot	
9	8 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :B.8 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Installation, Testing and commissioning of Software (per camera basis) for Video Management and Video recording.									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		18624.00 Numbers	
10	9 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :B.9 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Installation, Testing and commissioning of Software (per camera basis) for Video Analytic.									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		3995.00 Numbers	
11	10 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :B.10 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Installation, Testing and commissioning of Software (Per camera basis) for Facial Recognition System.									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		695.00 Numbers	
12	11 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :B.11 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Installation, Testing and commissioning of PC Workstation for viewing, monitoring and system management including 24-inch Monitor, all required licensed software, spike buster 500VA UPS with backup for 30 minutes power failure without interruption.									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		51.00 Set	
13	12 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :B.12 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Installation, Testing and commissioning of Graphical User Inter- face-based Client Software (per workstation basis) for workstation.									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		51.00 Numbers	

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14	13 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :B.13 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Installation, Testing and commissioning of Digital Keyboard (Joystick) compatible with PTZ cameras along with all accessories required for installation purposes as defined in chapter 8.									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		164.00 Numbers	
15	14 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :B.14 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Installation, Testing and commissioning of Large Format Display Monitor (55" or Higher).									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		96.00 Numbers	
16	15 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :B.15 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Installation, Testing and commissioning of Type-III switches									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		230.00 Numbers	
17	16 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :B.16 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Installation, Testing and commissioning of 2x10KVA UPS connected in parallel redundant mode in separate chassis									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		65.00 Numbers	
18	17 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :B.17 (IT infrastructure, applications and associated items at RPF/GRP Thana/Post)- Installation, Testing and commissioning of 19-inch 42U racks along with all accessories like electrical fitting (power strip, MCB etc.), Fan tray, Patch Panel etc. required for installation of the equipment.									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		52.00 Numbers	
19	18 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :C.18 (IT infrastructure, applications and associated items at RailTel datacentre(s))- Installation, Testing and commissioning of VSS Server Hardware (including streaming server) for Video Management.									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		2.00 Set	
20	19 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :C.19 (IT infrastructure, applications and associated items at RailTel datacentre(s))-Installation, Testing and commissioning of VSS Server/workstation Hardware Facial Recognition database system									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		2.00 Set	
21	20 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :C.20 (IT infrastructure, applications and associated items at RailTel datacentre(s))- Installation, Testing and commissioning of Storage System of 240 TB capacity for recording of alerts, alarms of cameras of analytics and other applications requirement									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		2.00 Lot	
22	21 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :C.21 (IT infrastructure, applications and associated items at RailTel datacentre(s))- Installation, Testing and commissioning of Type-III switches as Top of the Rack Switch in (1+1)									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		4.00 Numbers	

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23	22 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :C.22 (IT infrastructure, applications and associated items at RailTel datacentre(s))- Installation, Testing and commissioning of EMS System (Hardware and Software) in RailTel Datacentres (Gurugram and Secunderabad)									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		1.00 Lot	
24	23 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :D.23 (IT infrastructure and associated items at Railway Stations)- Installation, Testing and commissioning of Type-I Switches with optics (SFP-BX)									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		533.00 Numbers	
25	24 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :D.24 (IT infrastructure and associated items at Railway Stations)- Installation, Testing and commissioning of Type-II switches with optics (SFP-BX (10KM) Single Fiber, SFP+ (10KM) and SFP+ (40 KM)									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		217.00 Numbers	
26	25 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :D.25 (IT infrastructure and associated items at Railway Stations)- Installation, Testing and commissioning of 24 Fibre FMS (SC-APC Type)									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		463.00 Numbers	
27	26 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :D.26 (IT infrastructure and associated items at Railway Stations)- Installation, Testing and commissioning of 12 Fibre FMS (SC-APC Type)									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		904.00 Numbers	
28	27 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :D.27 (IT infrastructure and associated items at Railway Stations)- Installation, Testing and commissioning of 19inch 9U racks									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		1477.00 Numbers	
29	28 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :D.28 (IT infrastructure and associated items at Railway Stations)- Installation, Testing and commissioning of Online UPS system, single phase of rating 1KVA UPS along with Battery suitable for 1hr back-up									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		260.00 Numbers	
30	29 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :D.29 (IT infrastructure and associated items at Railway Stations)- Installation, Testing and commissioning of Online UPS system, single phase of rating 2KVA UPS along with Battery suitable for 1hr back-up									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		220.00 Numbers	
31	30 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
Description :D.30 (IT infrastructure and associated items at Railway Stations)- Installation, Testing and commissioning of MFCE Earth with multiple pits complete with all accessories. (less than 1 Ohm)									

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At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		104.00 Numbers	
32	31 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :D.31 (IT infrastructure and associated items at Railway Stations)- Installation, Testing and commissioning of ACDB for AC distribution Box with Lock and key arrangements and ISI mark MCBs of various ratings.								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		151.00 Numbers	
33	32 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :D.32 (IT infrastructure and associated items at Railway Stations)-Installation, Testing and commissioning of Panic Switch								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		778.00 Numbers	
34	33 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :E.33 (Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)-STP CAT-6								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		58503.00 Metre	
35	34 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :E.34 (Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)- Supply of 12 Core Aerial Drop Optic Fiber Cable as per TEC specification mentioned in Chapter-8.								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		192996.00 Metre	
36	35 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :E.35 (Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)-PVC insulated 3 core 4 Sq. mm (1.1 KV grade) outdoor strengthened Copper Cable for UPS supply distribution (as per BIS/ISI standards								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		164507.00 Metre	
37	36 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :E.36 (Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)-32mm PVC flexible pipe								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		32322.00 Metre	
38	37 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :E.37 (Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)-32mm PVC conduit pipe (ISI mark)								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		518849.00 Metre	
39	38 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :E.38 (Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)-40mm dia. HDPE pipe								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		7270.00 Metre	
40	39 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	

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Description :E.39 (Blowing/Pulling/Laying/Fixing/Clamping of various Cables/PVC pipe/GI pipe/HDPE at Stations as per specification as defined in chapter 8)-GI pipe									
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		1370.00 Metre	
41	40 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :40 -Media Convertor Pair as defined in chapter 8								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		44.00 Pair	
42	41 (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :41 -Training of personnel over and above the on-site training, during the installation, maintenance and supervision period as detailed in the tender document.								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		424.00 Man-Week	
43	42a (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :42A -(Supply of Hardware and Software for Command Control Centre as defined in chapter 8)- Installation, testing and commissioning of Server/Workstation for Command Control Centre with redundancy at Data Centre (DC-DR) along with all accessories required for installation purposes defined in chapter8.								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		1.00 Lot	
44	42b (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :42B -(Supply of Hardware and Software for Command Control Centre as defined in chapter 8)- Installation, testing and commissioning of Software for Command-and-Control Centre at Data Centre (DC-DR) along with required license and integration with VMS, VA & FRS applications of Northern Region, Eastern Region, Western Region and Southern Region as defined in chapter 8.								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		1.00 Lot	
45	42c (B)	Service (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :42C -(Supply of Hardware and Software for Command Control Centre as defined in chapter 8)- Installation, testing and commissioning of IT Infrastructure at Command Control Centre as defined in Clause 8.3.7.1 of chapter 8.								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		1.00 Lot	
Group C-SCHEDULE-C (AMC)									
1	1 (C)	AMC (Y)	Non Stock	---	Yes		CONSIGNEE	INR	
	Description :Annual Maintenance Charges (AMC) after warranty period of overall cost (excluding Taxes & Duties) of supply portion of Schedule A as detailed in clause 4.A.3 of Chapter-4A of Tender Document. Warranty Period: 3 years, AMC Period: 5 years, Rate of Discounting: 0 %								
At (Location)		AS PER TENDER CONDITIONS				As per tender Conditions		1.00 Year	

3. T AND C

F.O.R

Description
Destination

Delivery Period

Description	Delivery /Completion	Rate of Supply
For all items	Completion : Within 180 Days	

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Payment Terms

S.No	Description
Payment Terms	
1	AS per Tender

Statutory Variation Clause

S.No	Description
1	As Per Tender.

Option Clause

S.No	Description
1	As Per Tender.

Railway Standard Fall Clause

S.No	Description
1	As Per Tender.

Standard Governing Conditions

S.No	Description
1	General Conditions of Contract: The contract shall be governed by latest version (along with all correction slips) of General Conditions of Contract, and all other terms and conditions incorporated in the tender documents.

4. ELIGIBILITY CONDITIONS

Important : All documents uploaded and remarks / confirmation entered by the bidders against any eligibility condition shall be opened as part of technical bid only

Special Eligibility Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As Per Tender	No	Yes	Allowed (Optional)

Standard Eligibility Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As Per Tender.	No	Yes	Allowed (Optional)

5. COMPLIANCE CONDITIONS

Important : All documents uploaded and remarks / confirmation entered by the bidders against any compliance condition shall be opened as part of technical bid only.

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As Per Tender	No	No	Allowed (Optional)
2	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

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3	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)
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Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As Per Tender	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As Per Tender	Yes	Yes	Allowed (Mandatory)

6. DOCUMENTS ATTACHED WITH TENDER

S.No.	Document Name	Document Description
1	VSS-NR-04_1.pdf	Tender Doc RCIL NR VSS 04

7. RESPONSIVENESS

S.No.	Description
1	Validity of Offer: No deviation from the offer validity period stipulated in the tender is permitted.
2	Payment Terms: No deviation from the Payment Terms stipulated in the tender is permitted.
3	Delivery Period: No deviation from the Delivery Period stipulated in the tender is permitted.
4	Price Variation Clause: No deviation from the Price Variation Clause stipulated in the tender is permitted.

The tenderers in their bid shall indicate the details of their GST Jurisdictional Assessing Officers (Designation, Address & email id). In case of a contract award, a copy of Purchase Order shall be immediately forwarded by Purchaser to the GST Jurisdictional assessing officer mentioned in Tenderer's bid

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

Digitally Signed By

AGMO M (PRIYANKA JOSHI)