
		RailTel Corporation of India Ltd.						
Tender No :RAILTEL/ER/MKT/EOI/2023-24/NFR/004 DTD 09.05.2023								
		Name of Work : Invitation for Expression of Interest for Selection of Implementation Partner from RailTel Empanelled Business Associate for exclusive PRE-BID TEAMING ARRANGEMENT for “Provision of Video Surveillance System at 340 (D & E Category) stations of N.F. Railway under Provision of VSS at 1105 (D&E Category) stations of Eastern Region”.						
PRICE BID								
Name and Address of Bidder :								
SN	Item description	Qty	Unit	Unit Rate	Total value	GST Percentage	GST Amount	Grand Total Amount
Schedule A1-CCTV Items								
1	Supply, Installation, Testing and commissioning of Full HD bullet type IP colour camera along with housing and mount and all accessories required for installation purposes along with 128 GB SD/SDHC/ SDXC memory card or higher as per technical specification under TS-1(a)	3060	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
2	Supply, Installation, Testing and commissioning of Full HD P/T/Z type IP colour camera along with housing and mount and all accessories required for installation purposes along with 128 GB SD/SDHC/ SDXC memory card or higher as per technical specification under TS-1(b)	340	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
3	Supply, Installation, Testing and commissioning of 4K UHD bullet type IP colour camera TYPE-A (with image sensor 1/1.8") along with housing and mount and all accessories required for Installation purposes along with 128 GB SD/SDHC/SDXC memory card or higher as per technical specification under TS-1(c)	80	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
4	Supply and Installation of Digital Key-Board (joystick) and all accessories compatible with P/T/Z cameras under item A-1 (b) above as per Technical Specification under TS-2	61	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
5	Supply, Installation, Testing and commissioning of PC Workstation for viewing, monitoring and system management including 24" 4K UHD LED monitors with mouse & mechanical keyboard, all required licensed software (windows 10 pro or latest operating system, MS office , antivirus (3 years validity) with 1000 VA UPS as per Technical specification under TS-3	113	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
6	Supply and Installation of Full HD or Higher (4K) large format Display Industrial Monitor (55" or larger) with all required cables converters & remote as per Technical Specification TS-4	226	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
7	Supply, Installation, Testing and Commissioning of Panic Button at each platform of the stations as per TS-5	1020	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
8	Supply, Installation, Testing and Commissioning of Video Management and Recording server hardware and all accessories required for installation purposes at RPF Chowki. Technical specification under TS- 6(i)	31	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
9	Supply, Installation, Testing and Commissioning of AI enabled Video Analytic server hardware and all accessories required for installation purposes at RPF Chowki under TS-6(ii)	100	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
10	Supply, Installation, Testing and Commissioning of FRS server hardware and all accessories required for installation purposes at RPF Chowki as per Technical specification under TS-6 (iii)	20	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
11	Supply, Installation, Testing and Commissioning of FRS server hardware and all accessories required for installation purposes at RPF Chowki as per Technical specification under TS-6 (iii)	5	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
12	Supply, Installation, Testing and Commissioning of Graphical user Interface software, Video Management System Software and Video Recording Software (per camera basis for item A1-a (Full HD camera), A1-b (PTZ Camera) & A1-c (4K UHD Camera) for the server hardware under item 6(i) as per TS-7(i) & Supply , Installation testing & commissioning of Remote Viewing on Web and Mobile App & Command and Control center software at Server Hardware at HQ as per TS-7(ii)	3480	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
13	Supply, Installation, Testing and Commissioning of Video Analytic server software (per camera basis for Full HD camera) as per TS-8	3060	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
14	Supply, Installation, Testing and Commissioning of Video FRS server software (per camera basis for 4K Camera) as per TS-9	80	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
15	Supply, Installation, Testing and Commissioning of NMS at HQ, with NMS Software with all required modules and specified Hardware & Display system as per TS-10	1	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
16	Supply, Installation, Testing and Commissioning of NGFW along with management software& hardware and all Accessories required for their installation in Datacenter at HQ as per TS-11	1	Nos.		₹ 0.00		₹ 0.00	₹ 0.00

17	Supply, Installation, Testing and Commissioning of External Storage System for 30 days recording at station/RPF/GRP Thana/Post along with all accessories required for installation purposes (The space requirement is after RAID/6). The storage shall be external for server based solution as per clause 12.0 of RDSO specification No. RDSO/SPN/TC/65/2021 version 6.0. for 61 RPF location , 61 external storage shall be provided with Capacity in as required at RPF post clustering as per TS-12	6060	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
Spares @ 10% of supply against item 1(a) to 1(c) above								
18	Spare of 1(a) @ 10% as per TS-1(a)	309	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
19	Spare of 1(b) @ 10% as per TS-1(b)	36	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
20	Spare of 1(c) @ 10% as per TS-1(c)	11	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
TOTAL OF SCHEDULE A1								₹ 0.00
Schedule A2-Networking Items								
21	Supply, Installation, Testing and commissioning of Type-I switches and all accessories required for their installation.(Field Switches) as per TS-13	680	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
22	Supply Installation, Testing and commissioning of Type-III Switches and all accessories required for their installation (Layer 2 Switch) as per TS-14	61	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
23	Supply, Installation, Testing and commissioning of Type-II switches and all accessories required for their installation. (Aggregation switch) as per TS-15	340	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
24	Supply, Installation, Testing and commissioning of Type-IV (Core Switches) and all accessories required for their installation as per TS-16	5	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
25	SFP-BX (10KM) Single Fiber as per TS-32	1360	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
26	Supply of STP CAT-6 cable and all the accessories required for installation as per TS-17	170000	Mtr		₹ 0.00		₹ 0.00	₹ 0.00
27	Supply of 12 Core metal strengthened outdoor unarmored optic fibre cable (ITU-TG-652-D) and all the accessories required for installation as per TS-18	170000	Mtr		₹ 0.00		₹ 0.00	₹ 0.00
28	Supply and installation of 19" 42U Racks and all accessories required for installation purpose of Servers, Switches, LIU, External storage etc including 17" FHD LED monitor with mouse and keyboard & KVM switch with Windows operating system suitable for server, for server rack as per Technical specification under TS-19 (I)	61	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
29	Supply and Installation of 19" 9U Racks and all accessories required for installation purpose of field switches/ LIU etc as per TS-19(II)	680	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
30	Supply and Installation of 12 Fibre FMS (SC-APC Type) and all accessories required for installation as per TS-20	680	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
31	Supply and Installation of 24 Fibre FMS (SC-APC Type) and all accessories required for installation as per TS-21	340	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
Spares @ 10% of supply against item 1 to 4 and 5(a) & (c) above			Nos.					
32	Spare of item No.1- @ 10%	70	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
33	Spare of item No.2 - @ 10%	8	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
34	Spare of item No.3 - @ 10%	36	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
35	Spare of item No.4- @ 10%	1	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
36	Spare of item No.5(a) - @ 8%	138	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
TOTAL OF SCHEDULE A2								₹ 0.00
Schedule A3-Power Supply & Other Items								
37	Supply of PVC insulated 3 core 4 Sq mm, 12 AWG, 1.1 KV grade outdoor strengthened Copper Cable for UPS supply distribution (as per BIS/ISI standards) and all the accessories required for installation as per TS-22	170000	Mtr		₹ 0.00		₹ 0.00	₹ 0.00
38	Supply and Installation of 3 KVA with 1 hr backup Online UPS and all accessories required for installation as per TS-23	279	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
39	Supply and Installation of 2X10KVA Online UPS and all Accessories required for installation as per TS-24	61	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
40	Supply, Installation & Commissioning of basic earthing kit as per RDSO Specification no. RDSO/SPN/197/2016 Ver.-1 as per TS-25	61	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
41	Supply of GI pipes (50mm dia-3.65mm thick) as per IS- 1239, Pt.-1, medium grade, for laying of cable to the PF shelter from ground level. Entry of cables will be advised by the site in charge of the Railway and extending by suitable dia HDPE/Flexible PVC pipe on either side as required as per TS-26	3400	Mtr		₹ 0.00		₹ 0.00	₹ 0.00
42	Supply and Installation of ACDB for AC distribution Box with Lock and key arrangements and ISI Mark MCBs of various ratings as per TS-27	340	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
43	Supply and fixing of furniture for each Workstation quoted under A-1, item no.3 i.e. one table (Model:T-105 Make: Godrej or similar), and two chairs (Model: CH-1007 Make: Godrej or similar) as per TS-28	113	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
44	Supply of PVC Flexible pipe of 32 mm (This includes all materials, clamps etc required for laying, fixing and clamping). as per TS-29	17000	Mtr		₹ 0.00		₹ 0.00	₹ 0.00
45	Supply of 32 mm PVC Conduit pipe ISI Mark with all accessories for laying of cables as per TS-30	170000	Mtr		₹ 0.00		₹ 0.00	₹ 0.00
46	Supply of 40 mm dia. HDPE pipe with accessories on wall or structure/ in Trench/HDD etc. along with all accessories required for fixing,clamping, cutting as per TS-31	17000	Mtr		₹ 0.00		₹ 0.00	₹ 0.00
47	Supply and Installation of bracket/fixture/angle for fixing of camera at stations	3480	Nos.		₹ 0.00		₹ 0.00	₹ 0.00
TOTAL OF SCHEDULE A3								₹ 0.00
Schedule B1-Other items								

48	Blowing, Pulling, Laying of STP CAT-6, Optic fiber (Including Splicing) Power Copper cable as supplied against item no A2(6), A2(7), A3(1), A2(8) and A2(9)	510000	Mtr		₹ 0.00		₹ 0.00	₹ 0.00
TOTAL OF SCHEDULE B1								₹ 0.00
GRAND TOTAL								₹ 0.00