

**CHENNAI DIVISION-S AND T/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: M-SG-2026-516-PCMD_HALL

Closing Date/Time: 03/07/2026 15:00

Sr DSTE/Co Ord n/MAS acting for and on behalf of The President of India invites E-Tenders against Tender No **M-SG-2026-516-PCMD_HALL** Closing Date/Time 03/07/2026 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

Name of Work	TELECOM PORTION OF WORKS CONNECTION WITH RENOVATION OF CONFERENCE ROOM AT PCMD/SR CONFERENCE HALL		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	03/07/2026 15:00	Date Time Of Uploading Tender	10/06/2026 17:50
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	2961126.62	Tendering Section	TELECOM
Bidding Style	[Decision at Schedule level]	Bidding Unit	
Earnest Money (Rs.)	59200.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	12 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	19/06/2026		
Are JV allowed to bid	No	Number of JV Member Allowed	0
Are Consortium allowed to bid	No	Number of Consortium Member Allowed	0
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A-SOR 2022 ITEMS							18686.74	Above/ Below/Par
1	Please see Item Breakup for details.				18686.74	AT Par	18686.74	
	Description:- SOR 2022 ITEMS							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B-NS ITEMS							2942439.88	
1	1	2.00	Numbers	329299.06	658598.12	AT Par	658598.12	Rs.
	Description:- Supply, Installation and Commissioning of Ceiling Tile array Microphone YAMAHA RM-CG model or Shure better. (Inspection by RITES)							
2	2	4.00	Numbers	29264.00	117056.00	AT Par	117056.00	Rs.
	Description:- Supply, Installation and Commissioning of Ceiling Speaker of YAMAHA model VXC6W or Shure or better. (Inspection by consignee)							
3	3	1.00	Numbers	250632.00	250632.00	AT Par	250632.00	Rs.
	Description:- Supply, Installation and Commissioning of Digital Signal Processor of Make: YAMAHA model MRX7-D or Shure or better. (Inspection by consignee)							
4	4	2.00	Numbers	43801.10	87602.20	AT Par	87602.20	Rs.
	Description:- Supply, Installation, Testing and Commissioning of Manageable Layer2 Switches consisting of 24x10/100/1000 BASE-T PoE+ ports Loaded], 4 x 1G (minimum) SFP+ ports with all ports loaded except SFI's along with all accessories required for the installation similar to Dlink DGS1210-280 or better. Supply of optical SFP/SFP+ is not included in this schedule. (Inspection by consignee)							
5	5	4.00	Pair	1180.00	4720.00	AT Par	4720.00	Rs.
	Description:- Supply of IG Single fibre SFP-BX -D and SFP-BX-U (pair) supports minimum 10Kms Single Fibre Transceiver Fibre Module to suit the switch above. (Inspection by consignee)							
	6	1.00	Numbers	250947.06	250947.06	AT Par	250947.06	Rs.

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6	Description:- Supply, Installation and Commisioning of Amplifier of make: YAMAHA model XMV8140-D or Shure or better. (Inspection by consignee)							
7	7	1.00	Numbers	24586.48	24586.48	AT Par	24586.48	Rs.
	Description:- Supply, Installation and Commisioning of USB Adaper: Dante AVIO USB Adapter supports 2x2 channels, class-compliant USB 2.0 audio device of make: Audinate /Dante AVIO USB 2x2 or better (Inspection by consignee).							
8	8	2.00	Numbers	29333.62	58667.24	AT Par	58667.24	Rs.
	Description:- Supply, Installation of Wireless Cardioid Microphone of Make: Electrovoice(R300HD) or Shure or Better (Inspection by consignee)							
9	9	4.00	Numbers	1650.00	6600.00	AT Par	6600.00	Rs.
	Description:- Supply, Installation of wired Cardioid microphone with one year warranty of Ahuja SHM-1000XLR or Shure or Better. (Inspection by consignee)							
10	10	2.00	Numbers	28260.00	56520.00	AT Par	56520.00	Rs.
	Description:- Supply, Installation of wireless Cardioid Collar microphone with two year warranty of sennheiser (XSW-1-ME3) or Shure or Better. (Inspection by consignee)							
11	11	2.00	Numbers	29107.06	58214.12	AT Par	58214.12	Rs.
	Description:- Supply and Installation of pre polarised condenser type boundary layer microphone with mute button similar to make Sennheiser model MEB114S or Shure or better. (Inspection by consignee).							
12	12	130.00	Metre	51.30	6669.00	AT Par	6669.00	Rs.
	Description:- Supply and Wiring of 2 corex1.5 sq.mm Screened/Shielded multistrand PVC insulated wire for speaker load line. (Inspection by consignee)							
13	13	1.00	Numbers	354000.00	354000.00	AT Par	354000.00	Rs.
	Description:- Supply, Installation and Commisioning of 4K PTZ Camera Make: Lumem/VC-TR60A or Sony or Better. (Inspection by consignee)							
14	14	1.00	Numbers	257399.00	257399.00	AT Par	257399.00	Rs.
	Description:- Supply, Installation and Commisioning of 86inch Andriod OS based IPS interactive display with 3years warranty similar to LG 86TR3DK or Samsung or better. (Inspection by consignee)							
15	15	1.00	Numbers	23000.00	23000.00	AT Par	23000.00	Rs.
	Description:- Supply and installation of Mobile trolley cart stand with wheels suitable to fix 86 inch interactive display panel to support the display weight to be 75-95 kgs (as per display weight) having facility for height adjustable, accessories shelf etc. (Inspection by consignee)							
16	16	1.00	Numbers	2979.20	2979.20	AT Par	2979.20	Rs.
	Description:- Supply, installation & commissioning of 8 port HDMI splitter. (Inspection by consignee)							
17	17	4.00	Numbers	10030.00	40120.00	AT Par	40120.00	Rs.
	Description:- Supply and Installation of Cable Cubby with 2xUniversal Power Socket, 1xVGA, 1xAudio, 1xVideo, 2xLAN, 1xHDMI, 1xUSB, 1xSwitch with sliding lid as per model no.TTB-PTC-211 or similar of Epiphan, Legrand or better make. (Inspection by consignee)							
18	18	1.00	Numbers	108152.90	108152.90	AT Par	108152.90	Rs.
	Description:- Supply, Installation and Commisioning of Wireless Presentation System. Make: Clickshare C5 Gen2 or better. (Inspection by consignee)							
19	19	1.00	Numbers	45000.00	45000.00	AT Par	45000.00	Rs.
	Description:- Supply and Installation of 19" (42U) covered racks of size 2200mmx600mm(W)x800mm(D) (minimum) similar to Vero president/Rittal/HCL/APW president make/Legrand or better) complete with all fittings including 230V AC fan-2 Nos, and AC distribution panel (horizontal fitting) with power sockets with MCB protection (minimum 6 Nos of 230v -5/15A sockets combined-2 nos) and other accessories. The body should be high quality cold rolled steel with wheel and caster arrangement, vented from door borders and rear doors for ventilation and reliable operation. (Inspection by consignee)							
20	20	2.00	Numbers	9000.00	18000.00	AT Par	18000.00	Rs.
	Description:- Supply and Installation of 4port Gigabit WI-FI access Router confined to 802.11ax (WI-FL6) standard as per specification attached. (Inspection by consignee)							
21	21	305.00	Metre	50.00	15250.00	AT Par	15250.00	Rs.
	Description:- Supply of STP (Shielded Twisted Pair) CAT6 cable (4pair) (23AWG) compliant with EIA/TIA568 B.2-1 standard (Insepection by Consignee)							
22	22	4.00	Numbers	165.00	660.00	AT Par	660.00	Rs.
	Description:- Supply and Installation of 3 Mtr length UTP CAT6 23 AWG factory crimped patch chord (RJ45). (Inspection by consignee).							
23	23	4.00	Numbers	95.00	380.00	AT Par	380.00	Rs.
	Description:- Supply and Installation of 1 Mtr length UTP CAT6 23 AWG factory crimped patch chord (RJ45). (Inspection by consignee).							

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24	24	20.00	Metre	181.00	3620.00	AT Par	3620.00	Rs.
	Description:- Supply and Fixing of PVC slotted trough of 50mmx50mmx1.2mm thickness as per ISI4927 Part 1 or latest (All the miscellaneous materials required for fixing to be supplied by the contractor). (Inspection by Consignee)							
25	25	10.00	Metre	202.00	2020.00	AT Par	2020.00	Rs.
	Description:- Supply and Fixing of PVC trunk of 50mmx50mmx1.5mm thickness as per ISI4927 Part 1 or latest. (All the miscellaneous materials required for fixing to be supplied by the contractor). (Inspection by Consignee)							
26	26	1.00	Numbers	52250.00	52250.00	AT Par	52250.00	Rs.
	Description:- Supply and Installation of 55 Inch UHD 4K LED Smart TV with 3 yrs warranty as per specification attached along with suitable movable wall bracket as per the instructions of Railway Representative at site Make: Panasonic/Sony/LG/SAMSUNG. (inspection by consignee).							
27	27	1.00	Per Unit	520.00	520.00	AT Par	520.00	Rs.
	Description:- Supply of STP RJ45 Jacks or connectors (Make: Dax/Molex/Krone/Legrand/Better) (Per unit-100 nos) (Inspection by consignee)							
28	28	50.00	Metre	43.66	2183.00	AT Par	2183.00	Rs.
	Description:- Supply and Fixing of 32 mm PVC conduit pipe (ISI mark) conforming to IS:9537 Part3 medium or latest with all accessories on wall/roofs/FOBs, Cable tray or trough/floor etc., as per the instruction of Rly representative at site. (This includes Transportation of materials from Nominated stores to site) (Inspection by consignee)							
29	29	305.00	Metre	15.00	4575.00	AT Par	4575.00	Rs.
	Description:- Laying/blowing/pulling/drawl of UTP cable/STP cable/OFC cable/Power cable/Coaxial cable/switch board cable/Audio cable through the conduit pipe or trough. Other accessories required for carrying this work are to be arranged by the contractor							
30	30	1.00	Numbers	73000.00	73000.00	AT Par	73000.00	Rs.
	Description:- Supply of Maintenance portable terminal with Backpack. (15.6 inch size, Intel i5 processor with 11th generation or latest, 8 GB DDR4 RAM, 512 GB SSD, Wi-Fi 6+, Bluetooth 5.0, Ethernet Port 10/100/1000, HDMI Port, HD Web Camera, loaded with lifetime validity Windows OS, MS Office) (HP, DELL or better make). (Inspection by consignee)							
31	31	1.00	Numbers	23990.00	23990.00	AT Par	23990.00	Rs.
	Description:- Supply, Installation of Android OS based touch user interface (Tablet computer) with minimum 128 GB storage, 10.0 to 10.9 inch display size, Wifi, bluetooth, similar to Samsung Galaxy Tab S9 X516BA or Oneplus or better. (Inspection by consignee)							
32	32	3.00	Numbers	22986.40	68959.20	AT Par	68959.20	Rs.
	Description:- Supply & Installation of 30Mtrs HDMI Fiber Optic cable suitable for VC video band width facility in display pannel of Make: Aten/VE781030 or better (inspection by consignee)							
33	33	3.00	Numbers	20375.06	61125.18	AT Par	61125.18	Rs.
	Description:- Supply & Installation of 20Mtrs HDMI Fiber Optic cable suitable for VC video band width facility in display pannel of Make: Aten/VE78120 or better (inspection by consignee).							
34	34	4.00	Numbers	1006.54	4026.16	AT Par	4026.16	Rs.
	Description:- Supply of 2Meters HDMI cable of Make: Aten/2L-7D02H-1 or better (Inspection by consignee)							
35	35	1.00	Numbers	15355.34	15355.34	AT Par	15355.34	Rs.
	Description:- Supply & Installation of USB 3.0 extension cable 10 mtr suitable for VC video band width facility in display pannel similar to Make: Aten/UE3310 or better (Inspection by consignee)							
36	36	2.00	Numbers	25031.34	50062.68	AT Par	50062.68	Rs.
	Description:- Supply & Installation of USB 3.0 extension cable 15 mtr suitable for VC video band width facility in display pannel similar to Make: Aten/UE3315A or better (inspection by consignee)							
37	37	1.00	Numbers	135000.00	135000.00	AT Par	135000.00	Rs.
	Description:- Supply & Installation of 5KVA min 8000 VAH on line UPS (Single phase) (APC/Numeric/TATA liebert/Microtek or better make) Rack/Floor mountable type(as per instructions of Railway representative at site) along with suitable batteries (Exide or Amarraja makes) with battery stand. The UPS should have SNMP port or equivalent for remote monitoring, data logging facility with USB port to download and audio-visual alarm for load on bypass mode. (Inspection by consignee)							

3. ITEM BREAKUP

Schedule	Schedule A-SOR 2022 ITEMS					
Item- 1	SOR 2022 ITEMS					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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1	101100	Supply and Installation of Wall/Rack mountable 24 Fibre management system (FMS) conforming to RDSO/SPN/TC- 37/2000(rev-3 amdt-1 or latest similar to COMMScope make or better, suitable for splicing and front patching 24F cable with all accessories and terminating the optical fibre cable with splicing and front patching in FMS in the Location Box. This includes Supply and Provision of 4 nos of Patch cords of required length (All other materials required for splicing are to be supplied by contractor)	Numbers	1.00	18686.74	18686.74
Total					18686.74	

4. ELIGIBILITY CONDITIONS

5. COMPLIANCE

Check List

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Certificate to be submitted / uploaded by tenderer along with the tender documents (Annexure V), Part I of GCC.	No	No	Not Allowed
2	(Bid Security) Bank Guarantee Bond from any scheduled commercial bank of India (Annexure VI(A))	No	No	Not Allowed
3	EMD Submitted	No	No	Not Allowed

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	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)
2	Bid Security Declaration in lieu of EMD Submitted	No	No	Allowed (Optional)

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Bid Security Declaration in lieu of EMD Submitted	No	No	Allowed (Optional)
2	Statement of Deviation	No	No	Allowed (Mandatory)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	JPOforundertakingtheDiggingwork1.pdf	jpo file
2	GCC-2022.pdf	GCC APRIL
3	SOR2022BOOKLETNew1_compressed.pdf	SOR2022
4	GCCCSlip1to10_compressed.pdf	GCCSLIP
5	GCCCN011.pdf	GCCN011
6	CHENNAIDIVISIONMMCTENDERDOCUMENT2.pdf	TENDER DOCUMENT

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.

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Signed By: PALURI MURALI KRISHNA

Designation : Sr.DSTECoord/MAS