

SECTION IV**SCHEDULE OF RATES AND QUANTITIES****Tender No.:** M-TSK-2026-22**Name of work:** Supply, Installation and Commissioning of CCTV Surveillance System at DBRG Coaching Depot and TSK Coaching Depot of TSK Division.**Tender Value:** ₹ 49, 67,382.47 (Forty Nine Lakh Sixty Seven Thousand Three Hundred Eighty Two Rupees And Forty Seven Paise only.)**Completion Period:** 03 (three) months from the date of issue of LOA.

SN	Description of work	Unit	Qty	Rate(₹)	Total Amount(₹)
1	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.	NO.	31	17,143.76	5,31,456.56
2	Supply, Installation, Testing & Commissioning of full HD Resolution PTZ (Pan, Tilt, Zoom) IP colour camera with varifocal lenses along with housing and mount with all accessories as per RDSO specification no. DSO / SPN / TC / 65 /2021 version 6.0 or latest.	NO.	5	70,711.42	3,53,557.10
3	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.	NO.	4	69,351.25	2,77,405.00
4	Supply and Installation of Digital Key - Board all accessories compatible with P/T/Z cameras as per Technical Specification.	NO.	2	24,022.44	48,044.88
5	PC Workstation for viewing, monitoring and system management including 24" 4K UHD LED monitor with mouse and keyboard with Windows 10 operating system, MS office, antivirus (licensed genuine software), with 1000 VA UPS.	NO.	2	3,76,351.56	7,52,703.12
6	Supply , Installation, Testing and Commissioning of Video Management & Recording server cum Analytic hardware and all accessories required for installation.	NO.	2	2,39,361.69	4,78,723.38
7	FRS server hardware and all accessories required for installation purposes, including 17" FHD LED monitor with mouse and keyboard & KVM switch with Windows operating system suitable for server, for server rack.	NO.	2	54,133.14	1,08,266.28
8	Supply, Installation, Testing and Commissioning of AI Video Analytic server software and all accessories required for installation purposes as per Technical specification.	NO.	2	2,669.16	5,338.32

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9	Supply, Installation, Testing and Commissioning of Video FRS server software and all accessories required for installation purposes as per Technical Specification.	NO.	2	1,33,458.00	2,66,916.00
10	Supply, Installation, Testing and commissioning of Graphical User Interface software, Video Management System software (per camera basis) and Video Recording Software for the server hardware as per TS & Supply , Installation, configuration & Commissioning of Remote Viewing on Web and Mobile APP & Command and Control Centre software as per Technical specification.	NO.	2	2,429.04	4,858.08
11	Storage System for 30 days recording at station/ CDO/Office/Post along with all accessories required for installation purposes (Lot = Tera Byte, Capacity of storage in TB).	Lot	2	6,138.72	12,277.44
12	Supply of SFP/SFP+			-	-
a	Supply of single mode single fiber 1G SFP+ module compatible with switch taken in the schedule.(Inspection by Consignee)	Pair	7	1,329.67	9,307.69
b	Supply of single mode single fibre 10G SFP + module compatible with the switch taken in the schedule.(Inspection by Consignee)	NO.	4	2,768.52	11,074.08
13	Supply and installation, testing of aggregator switch and all accessories required for their installation of layer-2,24 port POE based ,manageable smart switch & 4 gigabit Port loaded with 1G SFP module of make- cisco or juniper or superior and as per technical specification	NO.	2	29,908.96	59,817.92
14	Supply and installation, testing of layer-2,8 port POE based ,manageable smart switch & 2 gigabit Port loaded with 1G SFP module of make- cisco or juniper or superior and as per technical specification	NO.	8	14,255.77	1,14,046.16
15	Supply of Media Converter (OFC to Ethernet) of make D-Link or MROTEK or DAX as per RDSO Spec. RDSO/SPN/TC/65/2009 Rev.1.0and as per specification enclosed. Inspection by consignee	Pair	11	8,227.56	90,503.16
16	Supply of STP CAT-6 cable as per technical specification	Mtr	2700	37.09	1,00,143.00
17	Supply of covered 19" (42U) Racks of size 2200mm x 600mm x 600mm (similar to Vero president / HCL / RITTAL Make) complete with all fittings including DC Fan (48V) - 2 Nos and AC power distribution panel (horizontal fitting) with power sockets and fuse protection (minimum 6 Nos. of 230V 15A/5A combined) and other accessories.	NO.	2	29,940.53	59,881.06
18	Supply & Installation of Professional 9" Equipment Racks 9U make president/ HCL/ APW/ Valrack with front glass door with lock and rack fixing, 2 cable manager, 1 PDU with 5 socets 20 screw nuts, 12 no. fan with 500 depth & all accessories. (Inspection by	NO.	9	7,397.31	66,575.79

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	Consignee)				
19	Supply and installation of OFC patch cord 2m long(SC-SC/SC-LC) as per technical specification	NO.	7	723.27	5,062.89
20	Supply of OFC pigtail, Single mode, 5 mtr or 10 mtr as per RDSO/SPN/TC/69/2007, Rev.0 or latest.	NO.	1	1,085.49	1,085.49
21	Supply of power cable 3 core,2.5Sqmm armoured copper cable as per technical specification	Mtr	1850	248.90	4,60,465.00
22	Supply and installation of 5 KVA on line UPS with isolation transformer suitable for single phase AC input and single phase AC output,floor mounted type. With 20 Nos of 65 AH batteries providing Minimum 2 Hr backup	NO.	2	2,80,512.61	5,61,025.22
23	Supply of Earthing and installation for 3 Pit per site as per technical specification.	NO.	3	93,261.39	2,79,784.17
24	Fixing of GI pipes/DWC pipes of all sizes & diameters/ troughing on culverts, bridges & any other loc. etc. complete as per technical specifications.	Mtr	60	494.30	29,658.00
25	Supply of ACDB for AC distribution Box with Lock and key arrangements and ISI Mark MCBs of various ratings as per technical specification.	NO.	2	3,864.54	7,729.08
26	Furniture for Workstation A.3 i.e. one table (Model:T-105 Make: Godrej or similar), and two chairs (Model:CH-1007 Make: Godrej or similar).	NO.	2	36,743.95	73,487.90
27	Supply and fixing of 1.5 inch PVC casing capping with all fitting materials make Legrand or similar.	Mtr	550	45.93	25,261.50
28	Supply of PVC conduit pipe/Casing capping superior quality with ISI mark. As per IS 9537	Mtr	2600	46.19	1,20,094.00
29	Cable crossing road/track through HDPE pipe of 90/76 mm diameter as per technical specification.	Mtr	120	256.95	30,834.00
30	Supply of Power wire (copper,multi strand) (1x16Sq.mm) as per technical specification.	Mtr	40	178.52	7,140.80
31	Supply of Multi strand Copper cable (1x10Sq.mm) as per technical specification	Mtr	105	138.28	14,519.40
32	Power board for control room (CDO office)	NO.	2	170.00	340.00
Total Cost of Work					49,67,382.47

Note:

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1. Quantities shown above are only estimated quantities. The actual quantities may increase or decrease as per requirement. The contractor shall have no claim in the event of less / excess quantities being offered. The payment will be made upon actual work done.
2. Contractor should quote as *Rs. /Unit* on the schedule.
3. The rate quoted should be inclusive of GST applicable during the contract period. Railways shall not be liable for any increase in the taxes or duties levied by the Government or Local bodies which shall have to be borne by the contractor during the contract period.
4. The rates quoted by the contractor shall be the cost of completed work and shall include the cost of all labours and materials including transport, loading and unloading as well as sheds, tools and plants and temporary works or whatever arrangements required for the satisfactory completion of the work. All tools, form works and other temporary work and arrangements put in by the contractor and for which no separate payments is made to him/them on satisfactory completion of the work shall remain the property of the contractor.
5. Contractor will be required to ensure that payment made to personnel engaged is not below the prevailing Labour Rate, and this payment is to be made through bank.
6. The rate quoted shall include PF, ESI and Bonus payable if any to the staff as per existing guidelines, if applicable.