

Inspection Agency For Schedule A items

SCHEDULE-A (SUPPLY PORTION)

SN	DESCRIPTION	UNIT	Inspection Agency
1	Supply of tool kit - required for Trouble Shooting and repair of hardware and software for EI system should be supplied for stations . (This includes tools required for EI maintenance sorts of crimping, insertion, removal, general purpose tools like screw drivers, spanners, PCB extractor, temp. controlled	Set	Consignee
2	Supply of as made documents (Manuals for Installation, Testing, and maintenance of the system) (One set consists of 6 set of following drawings per station). (i) Manual for installation, Testing, Commissioning and maintenance of the system for Technicians/Jr. Engineers. (Installation and	Set	Consignee
3	Supply of Portable work station for Data input & configuration with necessary software/AutoCAD latest version programmes/Accessories, simulation and functional Testing, diagnostics and trouble shooting and commissioning of EI system. Suitable Table & Chair or reputed make shall be supplied	Set	Consignee
4	Supply of Main cable Termination rack complete with scaffolding, fixtures & accessories including square bars for mounting 8-way terminal blocks, ladder, string rods, frame, base assembly, insulators, J bolt , nut/bolts & fasteners, bakelite sheet, etc. Siemens type and as per extant practice of Central	Set	Consignee
	DATA LOGGER		
5	Supply of Data logger for monitoring status of important relays, complete with processor Module to monitor following inputs as per spec. RDSO/SPN/99/2006 Spec. No: IRS:S-99/2006 (Amdt-3) with latest amendments including power supply of adequate capacity, battery and fault diagnostic software for failure analysis. Complete data logger & Processor Module (computer) as per Annexure-IV shall be placed in President rack of suitable size to be supplied. This also includes supply of one no. composite computer & printer table (work station table-Godrej/Durian/Transteele) for keeping processor module and one no. Godrej/Durian/Transteele make operator chair. ii) 2560 digital and 32 analog inputs.	Set	RDSO
6	Supply of Data logger for monitoring status of important relays, complete with processor Module to monitor following inputs as per spec. RDSO/SPN/99/2006 Spec. No: IRS:S-99/2006 (Amdt-3) with latest amendments including power supply of adequate capacity, battery and fault diagnostic software for failure analysis. Complete data logger & Processor Module (computer) as per Annexure-IV shall be placed in President rack of suitable size to be supplied. This also includes supply of one no. composite computer & printer table (work station table-Godrej/Durian/Transteele) for keeping processor module and one no. Godrej/Durian/Transteele make operator chair. iii) 4096 digital and 32 analog inputs.	Set	RDSO
7	Failure analysis software for 2560 digital inputs	Set	Consignee
8	Failure analysis software for 4096 digital inputs	Set	Consignee
	Indoor Cables & Jumper Wires		
9	Supply of PVC flexible copper cable single core, multistrand 1x2.5 Sq.mm (50 conductor each diameter 0.25 +/- 0.01) as per IS 694/2010. with latest amendment if any with insulation thickness of 0.70 mm nominal conductor resistance 7.98 ohms/km and test parameters are as per IRS (S) 76/89 (Amd.3)or latest.	KM	RITES
10	Supply of PVC flexible copper cable single core, multistrand 1x6 Sq.mm (84 conductor each diameter 0.30 +/- 0.01) as per IS 694/2010. with latest amendment if any with insulation thickness of 0.80 mm nominal conductor resistance 3.30 ohms/km and test parameters are as per IRS (S) 76/89 (Amd.3)or latest.	KM	RITES
11	Supply of PVC flexible copper cable single core, multistrand 1x10 Sq.mm (80 conductor each diameter 0.40 +/- 0.01) as per IS 694/2010. with latest amendment if any with insulation thickness of 1.0 mm nominal conductor resistance 1.91 ohms/km and test parameters are as per IRS (S) 76/89 (Amd.3)or latest.	KM	RITES
12	Supply of PVC flexible copper cable single core, multistrand 1x16 Sq.mm (126 conductor each diameter 0.40 +/- 0.01) as per IS 2465/1984 & IS: 694/2010. with latest amendment if any with insulation thickness of 1.0mm nominal conductor resistance 1.121 ohms/km and test parameters are as per IRS (S) 76/89 (Amd.3)or latest.	KM	RITES
13	Supply of PVC flexible copper cable single core, multistrand 1x25 Sq.mm (196 conductor each diameter 0.40 +/- 0.01) as per IS 2465/1984 & IS: 694/2010. with latest amendment if any with insulation thickness of 1.2mm nominal conductor resistance 0.780 ohms/km and test parameters are as per IRS (S) 76/89 (Amd.3)or latest.	KM	RITES
	Power Equipments		

SN	DESCRIPTION	UNIT	Inspection Agency
14	Supply of low maintenance Lead Acid secondary cells 2V 80AH as per spec. IRS 88/2004 version 1.0 with latest amendments.	No	RDSO
15	Sealed maintenance free VRLA Battery/Cell 2 volt, 300AH IRS: S-93/96 (A) (Amd.1) or latest.Note: Batteries to be supplied in set of 60 cells (stackable) in combination of 55+5 cells for SMPS based IPS	No	RDSO
16	Supply of Automatic changeover for individual supply. Automatic changeover unit of signal / Track / DC circuit supply of 32A, AC/DC consisting of 3TC44 contractors, LED Lamp, Push button, terminals, VSR, polarity switches. As per Rly. Drg.-SK-841/1-5 for IPS supply to manual discrete equipments with P/switch	Set	MITES
17	Supply of 63 A rating, 4 pole change-over switch disconnecter with dual shaft position & staggered terminals with sheet steel enclosure and extended handle of Siemens/L & T / HAVELLS/LEGRAND make.	No	Consignee
	METAL TO METAL CARBON TYPE		
18	Supply of QNA1 AC immunized relay, 8F-8B, 24 VDC along with plug, board, retaining clip and connectors conforming to BRS:931A,IRS:S60/78 with Amendment no.1 , IRS:S34/68 with Amendment no.6 & IRS:S23/88 with Amendment no.1	No	RDSO
19	Supply of QSPA1 relay, 24 V DC Slow to pick up, 8F- 4B along with plug, board, retaining clip and connectors conforming to BRS:933 IRS:S60/78 with Amendment no.1 , IRS:S34/68 with Amendment no.6 & IRS:S23/88 with Amendment no.1)	No	RDSO
20	Supply of QTA2 AC immunized track relay, 9 Ohm, 2F.1B, along with plug, board, retaining clip and connectors conforming to BRS:939A, 966 & Appendix F2, IRS:S34/68 with Amendment no.6 & IRS:S23/88 with Amendment no.1)	No	RDSO
21	Supply of QBAT track Relay, AC immunized, 2F-2B, contacts, 9 ohms. Complete with plug, board, retaining clip and connectors as per RDSO/SPN/84 Ver. 2.0 with Amendment No.1 or latest.	No	RDSO
22	Supply of Key Lock Relay working on 24V DC, AC immunized with different ward combinations (Three ward plates to be supplied with each relay). RDSO/SPN/219/2016 Version 1.0 with Amendment No.01.	No	RDSO
23	Supply of QNA1K relay 1000 ohm, 6F/6B 24V DC as per BRS :931A, IRS:S60, IRSS354 & IRS:S23 and RDSO Spec. STS/E/Relays/UEA (PI) dtd.30.05.1997 Annexure II (IRS:S60/78 with Amendment no.1 , IRS:S34/68 with Amendment no.6 & IRS:S23/88 with Amendment no.1)	No	RDSO
	Block Inst., UFSBI, & Control Phones.		
24	Supply of Block filter unit as per IRS:S-68/89 and Block bell equipment as per IRS:TC-44/88 (Amd. 1). (Insp. Agency: : RDSO)	No	RDSO
25	Supply of Block Bell equipment as per RDSO Drg. No.TCA 15080 and Spec. No IRS-TC-44/88 (Amd.1) with amendment No. 1 Voltage 24 V DC. (Insp. Agency: : RDSO)	No	RDSO
26	Supply of Desk type Electronic Magneto Telephone as per spec No. IRS TC-79/2000 (Amd.4) with Amendment No.02 or with latest amendments.	No	Consignee
	Auto Changeover Fuse Alarm and Monitoring & ACCESSORIES		
27	Supply of PPTC Fuse GP 60-185 UL-94 certification (1.6 Amps) for internal / external current. Make: LITTLEFUSE, FUZETEC, TYCO, BOURN, RAYCHEM etc.	No	Consignee
28	Supply of PPTC Fuse GP 60-400 UL-94 certification (12V/4A) TF, TR Circuit. Make: LITTLEFUSE, FUZETEC, TYCO, BOURN, RAYCHEM etc.	No	Consignee
29	Supply of PPTC Fuse GP 30-100 (24V/1.4A) TPR Circuit. Make: LITTLEFUSE, FUZETEC, TYCO, BOURN, RAYCHEM etc.	No	Consignee
30	Supply of PPTC Fuse GP 250-185 UL-94 certification (24V/4A)110V AC for track chargers. Make: LITTLEFUSE, FUZETEC, TYCO, BOURN, RAYCHEM etc.	No	Consignee
31	Resin cored wire as per specification No.IS:1921-1975 with Alloying element percentage as 63% SN (Tin) nd / 37% Pb (Lead) with percentage of various impurities not exceeding the values Sb (Antimony) 0.2% maximum, Cu (Copper) 0.1% maximum, As (Arsenic) 0.05% maximum, Fe (Iron) 0.02% maximum & other impurities mainly Al, Zn & Cd shall be limited. The flux shall be free from corrosive action as per clause 5.2 & flux percentage may be used as per requirement.	Kgs	Consignee
32	Lacing thread rolls, black, wax coated (100 mtrs)	No	Consignee

SN	DESCRIPTION	UNIT	Inspection Agency
33	Design, fabrication and supply of fuse Auto changeover system for 32 Nos external non detorating type fuses or 'G' type fuses from 0.6A Amp to 4A Amp capacities used in signaling circuits. System shall have 8 cards with monitoring arrangement of 4 fuses in one card. As per RDSO spec. RDSO/SPN/209/2012 Ver.2.0 or latest amendment if any. (Note: Unit to be treated as Number of Modules)	No. of Modules	RDSO
34	Design, fabrication and supply of fuse Auto changeover system for 24 Nos external non detorating type fuses or 'G' type fuses from 4 A to 10 Amp capacities generally used for point operation circuits. System shall have 6 cards with monitoring arrangement of 4 fuses in one card. As per RDSO spec. RDSO/SPN/209/2012 Ver.2.0 or latest amendment if any. (Note: Unit to be treated as Number of Modules)	No. of Modules	RDSO
OUTDOOR WORK			
Signals - Units, Structures & Fixtures.			
35	Supply of Main signal post 140 mm outer dia 3.6 Mtr Length as per spec No. IRS S 6/81 with latest amendments.	No	RITES
36	Supply of Main signal post 140 mm outer dia 4.6 Mtr Length as per spec No. IRS S 6/81 with latest amendments.	No	RITES
37	Supply of Main signal post 140 mm outer dia 5.6 Mtr Length as per spec No. IRS S 6/81 with latest amendments.	No	RITES
38	Supply of Shunt signal post with Base (GI Pipe of 80 mm Dia of min. 1 meter length.)	No	RITES
39	Supply of Cast Iron Main signal surface base 140mm as per spec No IRS: S-10 and Drg No 2011/M with latest amendments, with CLS Ladder assembly complete for CLS signal 5.5/4.5/3.5 mtrs long as per RDSO Drg no. SA 23156 (Adv), SA 23153 (Adv) & SA 23150 (Adv) Alt.1 respectively with Latest Amendment as the case may be for CLS unit & signal back staging as per extent C.Rly practice.	No	RITES
40	Supply of Cast Iron Shunt signal surface base 80 mm as per spec No IRS: S-10 and Drg No 2011/M with latest amendments, as per RDSO Drg. No.SA- 23156/ Drg. No.RST/11413 as per extant C. Rly practice.	No	RITES
41	Supply of Signal No.Plates as per Drg No RST-11393/ SK-842.	No	Consignee
42	OFF set bracket 5-1/2" to suit 140 mm dia CLS Post with two no. of "U" Bolts with nut & washer complete as per RDSO Drg No SA-23080 for signals & Routes.	No	Consignee
43	OFF set bracket 3-1/2' for signals & Routes. Drawing No.SA23840(Adv) Alt-2 as per extent C.Rly practice.	No	Consignee
44	Supply of A/AG/C/P/G/IB Board as per Drg. RST-11444/1(A), RDSO Drg No SA-23460(AG), SA-23461(C) , RST-11445, SA 23456(P), SA 23477(G) & SA 23476-77 (IB) as applicable respectively with Latest Amendment.	No	Consignee
45	Supply of Stop Board / IB Board as per RST-11791 (STOP BOARD)/ RDSO Drg No 7235/B as per extent C.Rly practice.	No	Consignee
46	Supply of Hand Cuff Locks / Godrej Navtal lock with Three common keys.	No	Consignee
47	Supply of "2 aspect" Signal Unit in FRP body without lenses and transformers as per RDSO Specification RDSO/SPN/194/2006/Rev.2.0 or latest complete and to suit LED signal Lamps and suitable for 140 mm dia post saves pigment finish on the back side of the and inside. white pigment finish inside the 2 aspect unit to avoid any extra paint cost.	No	RDSO
48	Supply of "3 aspect" Signal Unit in FRP body without lenses and transformers as per RDSO Specification RDSO/SPN/194/2006/Rev.2.0 or latest complete and to suit LED signal Lamps and suitable for 140 mm dia post saves pigment finish on the back side of the and inside. white pigment finish inside the 4 aspect unit to avoid any extra paint cost.	No	RDSO
49	Supply of "4 aspect" Signal Unit in FRP body without lenses and transformers as per RDSO Specification RDSO/SPN/194/2006/Rev.2.0 or latest complete and to suit LED signal Lamps and suitable for 140 mm dia post saves pigment finish on the back side of the and inside. white pigment finish inside the 4 aspect unit to avoid any extra paint cost.	No	RDSO
50	Supply of Shunt Signal Position Light Type FRP complete as per RDSO Specification RDSO/SPN/194/2006/Rev.2.0 or latest with Off set bracket 3-1/2" to be fitted on 140 mm post drawing No.SA23840(Adv) Alt-2 for dependent type complete with signal unit bracket, terminals etc without lenses, lamp, lamp holder, and to suit LED signal lamps.	No	RDSO
51	Supply of 1 way junction Route Indicator in FRP body without lenses and transformers as per RDSO Specification RDSO/SPN/194/2006/Rev. 2.0 or latest complete and to suit LED signal Lamps	No	RDSO

SN	DESCRIPTION	UNIT	Inspection Agency
52	Supply of 2 way junction Route Indicator in FRP body without lenses and transformers as per RDSO Specification RDSO/SPN/194/2006/Rev. 2.0 or latest complete and to suit LED signal Lamps	No	RDSO
53	Supply of 3 way junction Route Indicator in FRP body without lenses and transformers as per RDSO Specification RDSO/SPN/194/2006/Rev. 2.0 or latest complete and to suit LED signal Lamps	No	RDSO
54	Supply of "Calling On" Signal Unit in FRP body without lenses and transformers as per RDSO Specification RDSO/SPN/194/2006/Rev. 2.0 or latest complete and to suit LED signal Lamps	No	RDSO
55	Supply and Fixing of RE Protective Screens of expanded metal 12 SWG of size 1200 x 1500 mm on signals as per extent practice & as per instruction of Rly engineer at site DRG - No.SK-844	No	Consignee
	Apparatus Case		
56	Supply of Phenolic 10mm thick sheet , grade P3 in standard size of 1.22x1.22 Mtr as per spec. No. IS 2036 of 1995.	No	RITES
57	Supply of ARA Terminal blocks with links made of PBT Specn No. IRS/75/2006 (Rev - 2) with latest amendments and RDSO Drg.No.SA-23741A Alt.4., SA-23745 Alt.5, SA-23746, SA-23748 Alt.4, & SA-23756 Alt.3.	No	RDSO
58	Supply of cartridge fuse block made of PBT as per RDSO Drg No SA-23748 Alt 4, SA-23749 & Spec No.IRS S 75/2006 Rev.02 with latest amendment. Fuse block shall be suitable for round head type voltage fuses.	No	RDSO
59	Supply of round head type non deteriorating type low voltage cartridge fuse as per specn No. IRS/S/78/92 with latest amendments - 2A/4A/6A capacity	No	RDSO
60	Supply of Tik-tak, piano type switches, 5 A (as per IS Specification).	No	Consignee
61	Supply of three pole plug and socket 5 Amp (as per IS Specification).	No	Consignee
62	Supply of Lamp 110V / 24W, 2 pin for Loc.	No	Consignee
63	Supply of Apparatus case with godown locks with detachable handle on both the doors. a) Single Case as per Drg No SK 783-1 & 2. with latest alteration.	No	RITES
64	Supply of Apparatus case with godown locks with detachable handle on both the doors. a) Half Case as per Drg No SK 783-1 & 2. with latest alteration.	No	RITES
	Earthing Equipments		
65	Supply of earth electrode assembly as per Drg.No.CR/S&T/SK-815	No	RITES
66	Maintenance Free Earth as per RDSO/SPN/197/2008 or latest consisting of : 1) Copper bond steel electrode 3 Mtr long 17mm dia with copper bonding thickness of min. 250micron & UL listed & marked-01 No. (2) Earth enhancement compound RDSO Approved in sealed bag of 10 kgs - 03 No. (3) Copper strip 150 x 25 x 6mm - 02 No (4) Copper Strip 300 x 25 x 6mm- 01 No (5) 35 Sqmm Copper Cable to connect earth electrode to MEEB - 15Mtr Approx.	Set	RDSO
67	Supply of 35 Sq. mm. multistrand single core PVC insulated copper for connecting earth bus bar to earth electrode.	mts	RDSO
68	Supply of Microprocessor based universal earth resistance sensing unit 12 channel AC/DC. As per RDSO/SPN/256/2002 with latest amendments.	nos	RDSO
	Track Circuits		
69	Supply of Track Lead junction Boxes as per C.Rly Drg.No. RST 11509 made from fiber glass alongwith terminal blocks.	No	RITES
70	Supply of B type choke to specn.No.IRS.S.65/83 (Amd.3) with latest amendments.	No	RDSO
71	Supply of adjustable Track Feed Resistance disc type 7.5/15/30 ohms as per RDSO Drg. No. SA 20161-66/M (Adv) with latest amendments (with phenolic moulded base).	No	RDSO
72	Supply of Track feed battery chargers, 110V AC input 2, 4 to 6 V DC Output to Specn. No.IRS.89/2013 Ver.1.0 with latest amendments. Charger shall be suitable for charging 80 AH battery.	No	RDSO
73	Supply of Channel Pins single groove , galvanised, 7 mm suitable for 4mm dia bonding wire as per spec No. IRS: S 17-75 Revision 3.	No	Consignee
74	Supply of PVC jacketed wire rope for Track lead connections. PVC jacketed wire rope should be of Galvanised steel wire rope 6mm dia (6x19 stranded wire with steel core of 6 mm dia) sheathed with PVC 2mm wall thickness, overall thickness being 10 mm. PVC sheath should be made of type 6 compound as per IS 5831 of 1984 Reaffirmed 2001 and steel wire rope as per IS: 2266:2019. Reclaimed for recycled material should not be used.	MTR	Consignee

SN	DESCRIPTION	UNIT	Inspection Agency
75	Supply of 8 SWG GI wire (4mm dia) suitable for track circuit rail bonding. As per IRS Specification S:13-62.	Kg	Consignee
76	Supply, Installation, testing and commissioning of track battery charger monitoring system for 2V/4V/6V/8V batteries with accessories at nominated stations. General scheme to be approved by Engineer-in-charge.	No	Consignee
	Point Machines		
77	Supply of William stretcher nylon insulation set suitable for ground connection as per RDSO drg No T-10367, T-10368, T-10384 as applicable and to the spec IRS S 23/88 with Amendment No.01 & 40/84 with Amendment No.01 or latest amendments.	Set	Consignee
78	Supply of Tongue attachment nylon insulation set consisting of one insulating plate as per Drg no: RST-106961 & 3 nos of Ferrules with collars to suite rodding supplied as per RDSO spec & Drg.no: RST-10692	Set	Consignee
79	Supply of Gauge Tie Plate nylong insulation as per RDSO drg No: T-10372 Alt2, T-10368, T-10371 Alt2, T-15083/88/Alt2 & T-11690/Alt2 and to the spec IRS S 23/88 with Amendment No.01 & 40/84 with Amendment No.01 or latest amendments.	Set	Consignee
80	Supply of Ground connections , complete set suitable for IRS type/appd. Point Machine for ordinary turnout with tounge attachment insulation and other insulation as per RDSO Drg.S/3361/62/63(for IRS type point machine) or RDSO Drg No.SA-9151/52 (for Siemens point machine) with latest amendments. However the ground connection shall be procured only after confirmation from Railway engineer as per site condition /type of machine/turnout.	Set	RDSO
81	Supply of Ground connections , complete set suitable for IRS type/appd. Point Machine for derail switch with tounge attachment insulation as per RDSO Drg.S/3361/62/63(for IRS type point machine) or RDSO Drg No.SA-9151/52 with latest amendments. However the ground connection shall be procured only after confirmation from Railway engineer as per site condition /type of machine/turnout.	Set	RDSO
82	Supply of GI bend pipe , B class, 50mm dia for cable entry in point machine alongwith required fixing arrangements as per standard practice on Central Railway. As per Drg No. RST.11835.	No	Consignee
	Cable Laying		
83	Supply of GI pipe, inner dia. 100mm dia. B-class as per spec. No. IS 1239 PT. 1/2004 or latest with sockets and fittings. TATA/JINDAL/ZENITH BIRLA make.	MTR	UTES
84	Supply of DWC HDPE pipe with one snap fit coupler and 'O' ring fire resistant, anti rodent, in 6 meter length of size 120 mm outer dia as per RDSO/SPN/204/2011 Ver 1.1 with Amd.1 or latest.	MTR	RDSO
85	Supply of RCC Trunking with capping. Size 250mm x 200mm Drg.No.RST/C/291/A	MTR	UTES
86	Supply of RCC pipes half round of size 300 mm dia outer and 250 mm dia internal 1 mtr long matching to IS No.458/2003 amendment-1 with Rev.4.	Nos	UTES
87	Supply of modular terminal block of 2.5 sq. mm 2 IN 2 OUT type disconnect type terminal along with as per RDSO SPN/189/2004 Rev 3.0. The current capacity of 16 Amps and more. The terminal should have marking at centre to view description from front. Material to be procured from RDSO approved firms only.	Nos	RDSO
88	Supply of DIN Channel for the terminals 1 Mtrs each	Nos	Consignee
89	Supply of End plates for modular terminal block	Nos	Consignee
90	Supply of End Clamp for modular terminal block	Nos	Consignee
91	Tool bag complete with Megger as per Annexure- VIII. ADD AC / DC clamp meter, with Hand Held Tool Bag.	Set	Consignee
92	Supply of Adhesive Tapes rolls, PVC (18mm x 25 Mtr) Steel Grip/SCOTCH/ANCHOR.	no.	Consignee
	FIRE PREVENTION ITEMS		
93	Supply of 4.5 kg CO2 type fire extinguisher along with all accesories, extinguisher testing certificate has to be supplied along with - Supply of ISI marked Carbon Dioxide type (BC) fire extinguisher of 4.5 Kg capacity confirming to IS 2878: 2004 from seamless cylinder, with IS marked control value, high pressure mtr., Long discharge hose and horn complete with initial gas charged with carrying handle and wall mounting braket etc. as required by site Engineer.	No	Consignee

SN	DESCRIPTION	UNIT	Inspection Agency
	Automatic Fire detection and Alarm system (AFDAS)		
94	Supply, Installation, Testing & Commissioning of Microprocessor based intelligent, addressable, Fire Alarm control Panel with LCD display complying to RDSO/SPN/217/2025 Ver 3.1 or latest modular, 1 loop (minimum 125 detector/devices per loop-expandable to 2 loops) with 320 Character with soft keys for displaying alarm, events and operating functions, Day/Night operation function, Remote maintenance service feature etc. The panel should be multi-protocol i.e. able to support at least 2 different makes of addressable detectors. The panel should have minimum two relay outputs & 1 Monitored Sounder Output. It should have provision to be connected to repeater panels in future. The panel shall capable to operate on 230 volts AC power supply, automatic battery charger, 24 volts, sealed lead acid maintenance free batteries sufficient for 24 hours normal working and then be capable of operating the system for 30 minutes during emergency condition. Panel should be Vds Certified.	Nos	RDSO
95	Suply, Installation, Testing & Commissioning of Analogue Addressable Multisensor Detector complying to RDSO/SPN/217/2025 Ver 3.1 or latest. As per latest VDS approved/Listed.	Nos	RDSO
96	Suply, Installation, Testing & Commissioning of Manual call points, complying to RDSO/SPN/217/2025 Ver 3.1 or latest. As per latest VDS approved/Listed.	Nos	RDSO
97	Suply, Installation, Testing & Commissioning of Resettable, Analogue Type Liner Heat Sensing (LHS) Cable complying to RDSO/SPN/217/2025 Ver 3.1 or latest. As per latest VDS approved/Listed.	Mtrs.	RDSO
98	Suply, Installation, Testing & Commissioning of LHS Interface Module with all accessories for single stretch, complying to RDSO/SPN/217/2025 Ver 3.1 or latest. As per latest VDS approved/Listed.	Nos	RDSO
99	Suply, Installation, Testing & Commissioning of Aspiration (Air Sampling Type) Detection unit complying to RDSO/SPN/217/2025 Ver 3.1 or latest. As per latest VDS approved/Listed.	Nos	RDSO
100	Suply, Installation, Testing & Commissioning of CPVC pipe for Aspiration Detection system complying to RDSO/SPN/217/2025 Ver 3.1 or latest. As per latest VDS approved/Listed /approved by UL or FM or VDS or LPCB or tested with appropriate equivalant standard.	Mtrs.	Consignee
101	Suply, Installation, Testing & Commissioning of Analogue Addressable loop powered Monitor Module with inbuilt isolator complying to RDSO/SPN/217/2025 Ver 3.1 or latest. As per latest VDS approved/Listed.	Nos	RDSO
102	Suply, Installation, Testing & Commissioning of Analogue Addressable loop powered Control Module complying to RDSO/SPN/217/2025 Ver 3.1 or latest.	Nos	RDSO
103	Suply, Testing & Commissioning of Hooter cum strobe complying to RDSO/SPN/217/2025 Ver 3.1 or latest..	Nos	RDSO
104	Suply, Testing & Commissioning of 2C 1.5 sq mm twisted shielded armoured copper cable (Per Meter) with accessories complying to the RDSO/SPN/217/2025 Ver 3.1 or latest.	Mtrs.	Consignee
105	Suply, Testing & Commissioning of Isolator Device to isolate the circuit in case of short circuit, complying to the RDSO/SPN/217/2025 Ver 3.1 or latest.	Nos	RDSO
106	Supply of High Density Polyethylene Pipes (HDPE) of 110 mm OuterDia, 10 mm Wall Thickness, along with one coupler for every 6 Meters as per specification No. IS 4984: 2016 with latest amendments and Material Grade:PE 100.	Mtr	Consignee