


Maharashtra State Electricity Transmission Co. Ltd
(CIN No.U40109MH2005SGC153646)

<p>From Office of the Chief Engineer EHV Project Cum O&M Zone, Pune Administrative Building, 3rd floor, Block No.402, Rasta Peth, Pune-411 011 ☎ 020 26066106 (O) 020 26061132 E-Mail: cepune@mahatransco.in</p>	
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No. CE/EHV PC O&M Zone/P/IT/626

Date: - 25/03/2025

TO WHOM SO EVER IT MAY CONCERN

Subject: Calling 'Budgetary offer' for 'Annual Maintenance Contract (AMC) for two years for Computers (Desktops, Laptops and such a devices), Local area network (LAN) And allied devices of LAN, Printers, general purpose and system software including supply, installation & maintenance at MSETCL Offices in Administrative Building, Rasta Peth, Pune- 411011 with online support services to MSETCL'

The Budgetary offers are hereby invited on e-mail (on itadmin6000@mahatransco.in) for the above work as per Schedule-A/B & Annexure-A ('Scope of Work') enclosed herewith. Concerns are requested to quote your best reasonable rates for above work as per Annexure-A ('Scope of Work').

The Terms and conditions are as below:

1. The rate quoted should be valid for minimum two years. Amount limited to Rs. 25 Lacs for 2 years (two years) inclusive of all taxes.
2. Quotation is expected to provide via attached Schedule-A/B & with respect to Annexure-A ('Scope of Work')
3. The rates should be given in attached format.
4. You are requested to submit your best reasonable budgetary offer as per Schedule-A & B, for above works on E-mail ID: itadmin6000@mahatransco.in up to dtd. 28.03.2025 18.00 Hrs.
5. As spares are miscellaneous, Spreadsheet can be sought from 9322948870 & budgetary offer can be given through spreadsheet format.
6. 'Scope of work' for this work is mentioned in 'Annexure-A'. This budgetary offer is invited only for estimation purpose only and same will not be considered for any bidding OR other activity & No 'work order' will be given against this 'Budgetary Offer'.

Sd/-
(Anil Kolap)
Chief Engineer
EHV PC O&M Zone, Pune

Schedule-'A' (Please refer 'Scope of Work')								
Sr.No.	Type	Description	Item Specification	Unit	Exclusive Rate	GST(%)	GST Amount	Total Amount
A	B	C	D	E	F	G	H = F*G%	I = F+H
1	Desktop PC	500 Watts 8 Pin SMPS (Dell/HP/Lenovo)	Over Voltage,Under Voltage,Over Load Protection,Burnout Protection,Cooling Fan & Compatible to MSETCL Systems	Each				
2	Desktop PC	500 Watts 24 Pin SMPS (Dell/HP/Lenovo)	Over Voltage,Under Voltage,Over Load Protection,Burnout Protection,Cooling Fan & Compatible to MSETCL Systems	Each				
3	Desktop PC	2GB DDR2 RAM (Samsung/Crucial)	Compatible to MSETCL Systems	Each				
4	Desktop PC	2GB DDR3 RAM (Samsung/Crucial)	Compatible to MSETCL Systems	Each				
5	Desktop PC	4GB DDR3 RAM (Samsung/Crucial)	Compatible to MSETCL Systems	Each				
6	Desktop PC	8GB DDR3 RAM (Samsung/Crucial)	Compatible to MSETCL Systems	Each				
7	Desktop PC	4GB DDR4 RAM (Samsung/Crucial)	Compatible to MSETCL Systems	Each				
8	Desktop PC	8GB DDR4 RAM (Samsung/Crucial)	Compatible to MSETCL Systems	Each				
9	Desktop PC	16GB DDR5 RAM (Samsung/Crucial)	Compatible to MSETCL Systems	Each				
10	Desktop PC	256GB SATA SSD Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
11	Desktop PC	512GB SATA SSD Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
12	Desktop PC	1TB SATA SSD Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
13	Desktop PC	256GB NVMe Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
14	Desktop PC	512GB NVMe Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
15	Desktop PC	1TB NVMe Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				

16	Desktop PC	256GB M.2 Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
17	Desktop PC	512GB M.2 Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
18	Desktop PC	1TB M.2 Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
19	Desktop PC	1TB Internal SATA Hard Drive (Seagate/Samsung)	Minimum 7200 RPM	Each				
20	Desktop PC	Mouse Pad	Minimum 20cm * 25cm & 2mm thick, Anti-Slip Rubber Base & Smooth Mouse Control	Each				
21	Desktop PC	Mouse Pad with wrist rest	Minimum 20cm * 25cm & 2mm thick, Anti-Slip Rubber Base & Smooth Mouse Control	Each				
22	Desktop PC	Gigabit ethernet Network Cards/Adapters (D-link/Tp-Link)	Compatible to MSETCL Systems	Each				
23	Desktop PC	Wired USB Multimedia KeyBoard Mouse Combo (HP/Dell/Lenovo)	Standard Size , not compact ,USB , Plug & Play	Each				
24	Desktop PC	Wired USB Multimedia KeyBoard (HP/Dell/Lenovo)	Standard Size , not compact, USB,Plug & Play	Each				
25	Desktop PC	Wired USB Mouse (HP/Dell/Lenovo)	Standard Size , not compact ,USB , Plug & Play , Mouse Scroll,Led Tracking	Each				
26	Desktop PC	Wireless Multimedia KeyBoard Mouse Combo with USB adapter (HP/Dell/Lenovo)	Standard Size , not compact ,USB , Plug & Play , Mouse Scroll,Led Tracking	Each				
27	Desktop PC	Wireless Mouse with USB adapter (HP/Dell/Lenovo)	Standard Size , not compact ,USB , Plug & Play , Mouse Scroll,Led Tracking	Each				
28	Desktop PC	White Wireless Multimedia KeyBoard Mouse Combo with USB adapter (HP/Dell)	Standard Size , not compact ,USB , Plug & Play , Mouse Scroll,Led Tracking	Each				
29	Desktop PC	600VA UPS (Artis/Luminous)	600VA UPS is required.	Each				
30	Desktop PC	UPS Battery (Luminous)	600VA UPS Battery	Each				
31	Desktop PC	USB 3.0 to RJ45 Gigabit Ethernet Network Adapter : TP-Link/Storite	1 Year Warranty or as actual if greater that 1 Year.	Each				
32	Softwares	Windows 10 Professional Operating System Full Pack Lifetime License with OEM License Key	Lifetime License registered to MSETCL with Key	Each				
33	Softwares	Windows 11 Professional Operating System Full Pack Lifetime License with OEM License Key	Lifetime License registered to MSETCL with Key	Each				

34	Softwares	Microsoft Office Home & Business 2024 Lifetime Paper License	Lifetime License registered to MSETCL with Key	Each				
35	Softwares	Microsoft Office Home & Student 2024 Lifetime Paper License	Lifetime License registered to MSETCL with Key	Each				
36	Laptop	2GB DDR2 RAM (Kingston/ Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
37	Laptop	2GB DDR3 RAM (Kingston/ Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
38	Laptop	4GB DDR3 RAM (Kingston/ Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
39	Laptop	8GB DDR3 RAM (Kingston/ Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
40	Laptop	4GB DDR4 RAM (Kingston/ Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
41	Laptop	8GB DDR4 RAM (Kingston/ Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
42	Laptop	16GB DDR5 RAM (Samsung/Crucial)	Compatible to MSETCL Systems	Each				
43	Laptop	256GB SATA SSD Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
44	Laptop	512GB SATA SSD Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
45	Laptop	1TB SATA SSD Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
46	Laptop	256GB NVMe Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
47	Laptop	512GB NVMe Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
48	Laptop	1TB NVMe Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
49	Laptop	256GB M.2 Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
50	Laptop	512GB M.2 Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
51	Laptop	1TB M.2 Hard Disk (WD/Samsung/Crucial)	Compatible to MSETCL Systems	Each				
52	Laptop	1TB Internal SATA Hard Drive (Seagate/Samsung)	7200RPM , Minimum 64MB Cache	Each				
53	Laptop	6 Cell Laptop Battery (HP/DELL/Lenovo)	Compatible to MSETCL Systems	Each				

54	Laptop	Laptop Battery Charger/Adapter : HP/DELL/Lenovo	Protection against Over Load, Short Circuit, Over Voltage & Over Temperature, should meet all the EMI/EMC and safety requirements with all the Energy Star requirements and Compatible to MSETCL Systems.	Each				
55	Laptop	Network Cards/Adapters (Dell/HP/Lenovo)	Compatible to MSETCL Systems	Each				
56	Laptop	Sound Cards/Adapters (Dell/HP/Lenovo)	Compatible to MSETCL Systems	Each				
57	Laptop	Laptop Keyboard (Dell/HP/Lenovo)	Compatible to MSETCL Systems	Each				
58	Laptop	Laptop backlit Keyboard (Dell/HP/Lenovo)	Compatible to MSETCL Systems	Each				
59	Printer	Black LaserJet Toner Cartridges: HP 12A	Compatible to MSETCL Systems	Each				
60	Printer	Black LaserJet Toner Cartridges: HP 18A	Compatible to MSETCL Systems	Each				
61	Printer	Black LaserJet Toner Cartridges: HP 36A	Compatible to MSETCL Systems	Each				
62	Printer	Black LaserJet Toner Cartridges : HP 88A	Compatible to MSETCL Systems	Each				
63	Printer	Black LaserJet Toner Cartridges : HP 110A	Compatible to MSETCL Systems	Each				
64	Printer	Black LaserJet Toner Cartridges : AC 303 Cartridge for Canon L11121E Printer	Compatible to MSETCL Systems	Each				
65	Printer	Black LaserJet Toner Cartridges : Canon All in one MF3010	Compatible to MSETCL Systems	Each				
66	Printer	Color LaserJet Toner Cartridge : HP CP1025 with all colours	Compatible to MSETCL Systems	Each				
67	Printer	Toner Refill : HP CP1025 Color printer Original LaserJet Toner Cartridge with all	Compatible to MSETCL Systems	Each				
68	Printer	Power Supply Board : HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, P1505, M202 and similar HP Printers.	Compatible to MSETCL Systems	Each				
69	Printer	Power Supply Board : HP Laserjet - M202n, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs and similar HP Printers.	Compatible to MSETCL Systems	Each				

70	Printer	Logic Board : HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, P1505, M202 and similar HP Printers.	Compatible to MSETCL Systems	Each				
71	Printer	Logic Board : HP Laserjet - M202n, M202dw, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs and similar HP Printers.	Compatible to MSETCL Systems	Each				
72	Printer	Toner Drum : HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, P1505, M202, M202n, M202dw, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs and similar HP Printers.	Compatible to MSETCL Systems	Each				
73	Printer	PCR Rod : HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, P1505, M202, M202n, M202dw, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs and similar HP Printers.	Compatible to MSETCL Systems	Each				
74	Printer	Magnetic Rod : HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, P1505, M202, M202n, M202dw, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs and similar HP Printers.	Compatible to MSETCL Systems	Each				
75	Printer	Doctor blade : HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, P1505, M202, M202n, M202dw, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs and similar HP Printers.	Compatible to MSETCL Systems	Each				
76	Printer	Wiper Blade : HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, P1505, M202, M202n, M202dw, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs and similar HP Printers.	Compatible to MSETCL Systems	Each				

77	Printer	Teflon : HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, P1505, M202, M202n, M202dw, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs and similar HP Printers.	Compatible to MSETCL Systems	Each				
78	Printer	Paper Feed roller : HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, M202, M202n, M202dw, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs and similar HP Printers.	Compatible to MSETCL Systems	Each				
79	Printer	Heating Element : HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, P1505, M202, M202n, M202dw, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs and similar HP Printers.	Compatible to MSETCL Systems	Each				
80	Printer	Paper Pickup Roller : HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, P1505, M202, M202n, M202dw, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs and similar HP Printers.	Compatible to MSETCL Systems	Each				
81	Printer	Paper Output Tray : HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, M202, M202n, M202dw, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs and similar HP Printers.	Compatible to MSETCL Systems	Each				
82	Printer	Laser Scanner Unit : HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, P1505, M202, M202n, M202dw, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs and similar HP Printers.	Compatible to MSETCL Systems	Each				

83	Printer	Gear Assembly: HP Laserjet - P1006,P1007, P1008, P1106, P1108, 1022, 1020+, 1005, P1505, M202, M202n, M202dw, M126nw, M128fn, M128fw, M226dw, M226dn, M1136mfp, M1213nf, M1216nfh, M1218nfs & similar HP Printers & Canon imageCLASS MF3010 , Canon L11121E and similar Canon Printers.	Compatible to MSETCL Systems	Each				
84	Printer	Power Supply Board : Canon imageCLASS MF3010 , Canon L11121E and similar	Compatible to MSETCL Systems	Each				
85	Printer	Logic Board : Canon imageCLASS MF3010 , Canon L11121E and similar Canon Printers	Compatible to MSETCL Systems	Each				
86	Printer	Toner Drum : Canon imageCLASS MF3010 , Canon L11121E and similar Canon Printers	Compatible to MSETCL Systems	Each				
87	Printer	PCR Rod : Canon imageCLASS MF3010 , Canon L11121E and similar Canon Printers	Compatible to MSETCL Systems	Each				
88	Printer	Magnetic Rod : Canon imageCLASS MF3010 , Canon L11121E and similar Canon Printers	Compatible to MSETCL Systems	Each				
89	Printer	Doctor blade : Canon imageCLASS MF3010 , Canon L11121E and similar Canon Printers	Compatible to MSETCL Systems	Each				
90	Printer	Wiper Blade : Canon imageCLASS MF3010 , Canon L11121E and similar Canon Printers	Compatible to MSETCL Systems	Each				
91	Printer	Teflon : Canon imageCLASS MF3010 , Canon L11121E and similar Canon Printers	Compatible to MSETCL Systems	Each				
92	Printer	Paper Feed roller : Canon imageCLASS MF3010 , Canon L11121E and similar Canon Printers	Compatible to MSETCL Systems	Each				
93	Printer	Heating Element : Canon imageCLASS MF3010 , Canon L11121E and similar Canon Printers	Compatible to MSETCL Systems	Each				
94	Printer	Original Toner Cartridge : Canon imageCLASS MF3010 , Canon L11121E and similar Canon Printers	Compatible to MSETCL Systems	Each				
95	Printer	Control Panel : Canon imageCLASS MF3010 , Canon L11121E and similar Canon Printers	Compatible to MSETCL Systems	Each				

96	Printer	80Gram LaserJet Toner Powder Bottle	High Density ,Premium Quality Black Toner Powder ,Strong Adhesion, Firmly Fusing compatible to HP/Cannon/Samsung and all similar category laserJet toners.	Each				
97	CMOS	CMOS Cell for Desktop & Laptop (Duracell)	3 Volts Lithium chemistry battery	Each				
98	Caddy	Caddy for Desktop & Laptop Harddisk	Compatible to MSETCL Systems	Each				
99	Cables	3 Pin Desktop Power Cord : 2 Meter	Standard Nominated brand with 1 Year Warranty or as actual if greater that 1 Year	Each				
100	Cables	3 Pin Printer Power Cable : 2 Meter	Standard Nominated brand with 1 Year Warranty or as actual if greater that 1 Year	Each				
101	Cables	CPU to Monitor VGA Cable : 3 Meter	Compatible to MSETCL Systems	Each				
102	Cables	DP Display Cable : 2 Meter	Compatible to MSETCL Systems	Each				
103	Cables	Printer USB Data Cable : 2 Meter	Compatible to MSETCL Systems	Each				
104	Cables	HDMI Cable : 2 Meter (cadyce/bluerigger)	Finite Source & Destination Ports	Each				
105	Cables	HDMI Cable : 5 Meter (cadyce/bluerigger)	Finite Source & Destination Ports	Each				
106	Cables	HDMI Cable : 10 Meter (cadyce/bluerigger)	Finite Source & Destination Ports	Each				
107	Cables	HDMI Cable : 20 Meter (cadyce/bluerigger)	Finite Source & Destination Ports	Each				
108	Cables	Multiple USB Connector/Hub 4 Port 3.0 (Artis/Circle)	Compatible to MSETCL Systems	Each				
109	Cables	6A Spike Guard with 5 Socket & 5 Meter Cable (Artis/Coblet)	Spike Guard with fuse protection/ 3 Pin/ Standard Quality like Anchor/GM	Each				
110	Storage Devices	32GB Pen Drive 3.2 Steel Body (HP/Acer)	Standard Size , Not compact or of made from memory card.	Each				
111	Storage Devices	64GB Pen Drive 3.2 Steel Body (HP/Acer)	Standard Size , Not compact or of made from memory card.	Each				
112	Storage Devices	128GB Pen Drive 3.2 Steel Body (HP/Acer)	Standard Size , Not compact or of made from memory card.	Each				
113	Storage Devices	HDD Casing 3.2 for M.2	Compatible to MSETCL Systems	Each				
114	Storage Devices	HDD Casing 3.2 for SATA	Compatible to MSETCL Systems	Each				
115	Storage Devices	1TB External Portable Hard Disk USB 3.0 (Segate/Samsung)	Compatible to MSETCL Systems	Each				
116	Networking	Cat-6e UTP Cable with laying (D-Link/Commscope)	Compatible to MSETCL Systems	Meter				

117	Networking	Cat-6e UTP Cable with laying & PVC Casing & capping, PVC Pipe, Screws, drilling (D-Link/Commscope)	Compatible to MSETCL Systems	Meter				
118	Networking	4 Core armoured Industrial Grade Fibre optic cable with laying (D-Link/Commscope)	Compatible to MSETCL Systems	Meter				
119	Networking	6 Core armoured Industrial Grade Fibre optic cable with laying (D-Link/Commscope)	Compatible to MSETCL Systems	Meter				
120	Networking	4 Core armoured Industrial Grade Fibre optic cable (D-Link) with laying with PVC Casing & capping, PVC Pipe, Screws, drilling (D-Link/Commscope)	Compatible to MSETCL Systems	Meter				
121	Networking	6 Core armoured Industrial Grade Fibre optic cable (D-Link) with laying with PVC Casing & capping, PVC Pipe, Screws, drilling (D-Link/Commscope)	Compatible to MSETCL Systems	Meter				
122	Networking	2" Press Fit Royal PVC Casing & capping	Compatible to MSETCL Systems	Meter				
123	Networking	PVC Pipe	Compatible to MSETCL Systems	Meter				
124	Networking	Single Information Outlet (Ethernet) with faceplate and box (D-Link/Commscope)	Standard nominated. Providing & Fixing of tool less information outlet (ethernet) flush/surface type in position as per specification no WGNAS/IO.	Each				
125	Networking	Double Information Outlet (Ethernet) with faceplate and box (D-Link/Commscope)	Standard nominated. Providing & Fixing of tool less information outlet (ethernet) flush/surface type in position as per specification no WGNAS/IO.	Each				
126	Networking	RJ45 Cat6 1 Meter Patch Cord Ethernet LAN Cable (D-Link/Commscope)	Compatible to MSETCL Systems	Each				
127	Networking	RJ45 Cat6 2 Meter Patch Cord Ethernet LAN Cable (D-Link/Commscope)	Compatible to MSETCL Systems	Each				

128	Networking	RJ45 Cat6 3 Meter Patch Cord Ethernet LAN Cable (D-Link/Commscope)	Compatible to MSETCL Systems	Each				
129	Networking	RJ45 Cat6 5 Meter Patch Cord Ethernet LAN Cable (D-Link/Commscope)	Compatible to MSETCL Systems	Each				
130	Networking	LC Type SC-LC Fiber Patch Cord 3 Mtr	As per MSETCL Existing Network ,Providing & Installation of 3 Mtr fiber patch cord with 1 GBPS support. Multi mode,Lucent Connector Type.	Each				
131	Networking	RJ45 LAN Cable connector (D-Link/Commscope)	Compatible to MSETCL Systems	Each				
132	Networking	Cable Marker (Coated)	Numbers and Letters	Each				
133	Networking	D-Link DGS-1008A 10/100/1000 Mbps Gigabit 8 ports Network Unmanaged Switch	Compatible to MSETCL Systems	Each				
134	Networking	D-Link DGS-1024C 24-Port Gigabit Network Unmanaged Switch	Compatible to MSETCL Systems	Each				
135	Networking	SFP Module 1.2GBPS(MediaConverter) / GBIC Pair (Syrotech/D-Link)	1.2GBPS transrecivers, Standards and Protocols IEEE 802.3z, CSMA/CD, TCP/IP,Fiber Type 9/125 Lm Single-mode,Port Type LC/UPC.	Each				
136	Networking	Supply of 28 Port SFP Managed Layer 3 Ethernet Switch (10/100/1000 Gigabit, 4 SFP, Layer 3, Console, Rackmountable, Buffer Size: Min 1.5MB, Compatible With existing System, Switches & Firewall rules, Link Aggregation (LAG), VLAN interface,loopback interface)	Ethernet Managed Ethernet Switch of 24 ports with 2SFP+2Combo port & webview/CLI on provided rack or as directed as per specification no WG-NWC/GBS	Each				
137	Networking	19" 6U WALL MOUNT RACK WT H/W PACKET	Wall mounted, toughened glass door, fan openings,Cable entry from top & bottom)	Each				
138	Networking	6 PORT FO PATCH PANEL LOADED LIU	6 Port Patch Panel full loaded	Each				

139	Networking	24 PORT FO PATCH PANEL LOADED FOR LIU	RJ45 Jack, RJ45 Jack Contact Material Phosphor bronze nickel plated,ABS Jack bracket set, Support Bar : SPCC, Minimum 1.5mm thickness colour painted,Contact Brackets : PBT + Glass fiber	Each				
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Sd/-
(Anil Kolap)
Chief Engineer
EHV PC O&M Zone Pune



Service Charges (IT AMC)									
Schedule-'B'									
Sr.No.	Description	Unit	Qty	Exclusive Unit Rate (Rate per Month)	GST(%)	GST Amount	Total Amount per Month including GST	Annual Amount including GST	Remark
A	B	C	D	E	F	G=E*F%	H = E + G	I=D*H	J
1	Annual Service charges for support and maintenance of IT infrastructure at Offices under Administrative Building, Rasta Peth,MSETCL,Pune with online support as per Scope of Work.	Per Month	24						This is continuous service for contract period.
2	Splicing & Termination of Fiber Optic Cable (Both ends)	Each	1					NA	As and when required service

Sd/-
 (Anil Kolap)
 Chief Engineer
 EHV PC O&M Zone Pune

Scope of Work (Annexure-A)

Subject: Annual Maintenance Contract (AMC) for one year for Computers (Desktops, Laptops and such a devices), Local area network (LAN) And allied devices of LAN, Printers, general purpose and system software including supply, installation & maintenance at MSETCL Offices in Administrative Building, Rasta Peth, Pune- 411011 with online support services to MSETCL and to float Tender and work order for same work.

- 1) The Annual Maintenance Contract (AMC) shall be valid for a period of one year from the date of commencement (Commencement date shall be informed to the agency after completion of existing W.O.). However, in the event of unsatisfactory services or supply of spares, MSETCL reserves the right to terminate the contract at any time during its tenure by providing a seven (7) days' notice to the agency. The agency is required to provide an official email ID for this contract. MSETCL shall consider this email ID as the official mode of communication for all correspondence related to the contract.

- 2) The agency shall be responsible for troubleshooting, breakdown resolution, preventive, regular maintenance, and support for all IT systems, including but not limited to:

- i. Computers and Laptops
- ii. Printers
- iii. Wi-Fi Networks
- iv. Local Area Network (LAN)
- v. Projectors
- vi. CCTV Systems
- vii. Power Supply of IT Systems

To ensure a comprehensive understanding of the existing MSETCL IT infrastructure, the agency may conduct a site visit.

The approximate quantity of IT assets covered under this contract includes:

- i. 170 Computers and Laptops
- ii. 130 Printers
- iii. 40 LAN and Allied Devices

These assets belong to various brands, including but not limited to Lenovo, Dell, HP, Epson, Cisco, D-Link, TP-Link, Sophos, and assembled systems. The exact count of devices may vary over time.

- 3) **Printer:**

- i. Printer Maintenance & Toner Refilling – The agency shall perform printer troubleshooting and toner refilling as needed.

- 4) **Fiber Optic Services:**

- i. Fiber Optic Services – The agency shall carry out splicing, termination, and testing of fiber optic cables whenever required.

- 5) **Cleaning & maintenance Services:**

The agency shall conduct cleaning and maintenance of all IT systems, including but not limited to:

- i. Computers
- ii. Printers
- iii. LAN Devices
- iv. Video Conferencing Equipment
- v. UPS Systems

vi. Projectors

Cleaning shall be carried out using a blower and/or cotton, with a frequency of twice a month or as required by MSETCL to ensure the removal of dust and dirt. The scope of work shall also include:

- i. Lubrication of working assemblies
- ii. Cleaning of optical drives (CD/DVD drive heads)
- iii. Printer head cleaning

The agency shall use its own tools and materials, including any required lubricants for computers, printers, projectors, CCTV systems, and other IT equipment.

6) Spares:

- a) Agency will provide & install 'New spare' (New & Faulty spares to be replaced) with 'Original Brand New' spare, as per item list given in Schedule- 'A'.
- b) **Timeline:** Agency will provide & fix all required spares within same working day after reporting to them (via any Email/Phone/SMS/Any Messaging App/ITAMS). For some specific spares, MSETCL may give extended timeline at sole discretion of MSETCL. Agency is suggested to maintain sufficient inventory of spares at the site.
- c) **Authenticity of the Spare/s:** All spares should be new (box packed & sealed), original, branded & authentic. To prove authenticity of the spare, Agency may be asked to provide original certificate (electronic mode also accepted). Barcode/hologram may be scanned through app. Unless authenticity of spare is proved, MSETCL will not allow spares to be installed.
- d) All spares are of 'providing & fixing' manner except like 'Splicing & Termination of Fiber Optic Cable'. Means, e.g. if UTP Cat-6 cable is to be replaced or installed, for this work 'scope of work' shall be, providing and fixing UTP Cat-6 cable with PVC capping, casing, labour, crimping, drilling, screws, tags, removing old set up and all things required for the same work, so 'One (1) Meter UTP Cat-6 Cable' in 'Schedule-A' comprises of all this. This is just an illustrative example and this illustration is applicable for all spares in Schedule-A.
- e) Agency shall maintain the spares as per manufacturer/OEM's guidelines and shall use standard spares for replacements. In case of an instance of sub-standard repair /replacement of parts by the agency, it may lead to cancellation of the contract and any other legal action may be taken against the agency.
- f) Due to change of type in any basic spare, spare matching/relative spare with Schedule 'A' can be installed as per requirement of MSETCL.
- g) **Warranty:** New spares shall have minimum one-year onsite warranty (by agency only) or as actual warranty (if warranty is more than one year, provided by manufacture/OEM) after installation. Within warranty period, Agency will have to 'replace' faulty spare with 'New Spare' as per all conditions of 'Scope of Work' free of cost. Warranty is considered against original spare installation/work completion date. All spares or service should be compatible with existing & upcoming MSETCL IT Systems.
- h) MSETCL reserves right to choose brand of any spare and shall be applicable to the agency.

7) Local Area Network (LAN):

Agency shall do:

- a) Network management, traffic monitoring, updating of software on the network hardware.
- b) Running latest diagnostic software to LAN. Speed checking and resolution of LAN related issues.

- c) Firewall policies will be designed & applied by agency whenever required by MSETCL.
 - d) Any configuration related to Firewall, Switches, Modems, and Routers and allied all LAN equipment.
 - e) IP Schema Management.
- 8) MSETCL Helpdesk Management system & ITAMS: -**
 Agency shall do:
- a) Preparing Daily Call Report & Pending Call Report & Daily Call Logging Sheet.
 - b) Maintain inventory of issued, replaced, faulty, standby spares.
 - c) Inventory Management of hardware and software installed in all locations under EHV PC O&M Zone, Pune.
 - d) Online support services to MSETCL jurisdiction over phone by using tools like anydesk etc.
 - e) Help & presence at other MSETCL locations for Meetings or any issues.
 - f) Maintenance, update, Track of MSETCL - IT Asset Management System in consultation with IT Section.
 - g) Data backup of IT systems as per guidelines by IT Section.
- 9) Tools:** Agency shall make available all tools like but not limited to fibre optic splicing machine, crimping tool, testers, pen drive, USB back up hard disk, SATA Hard disk, printer diagnostic spares, drilling machine, big & small size blower, computer & printer & CCTV repair toolkit and any troubleshooting and diagnostic tools on the site.
- 10) Software:** Agency shall provide & install full working any setup of software required to MSETCL like but not limited to MS Windows OS Pro 10/11, MS Office Pro 2021 or latest, Adobe reader, Printer drivers, Computer drivers, DVD burning tools, IP messenger etc. Also, MSETCL will intimate to agency other software set up required on 'time to time' and agency shall provide setup within one day. Agency shall also install MSETCL's Antivirus software, SAP GUI, VPN, IP Messenger etc. Software Installation timeline shall be two (2) hours after reporting. Agency will install all MSETCL required softwares.
- 11) Internet monitoring:** Agency shall check Internet connectivity on daily basis compulsory by morning and evening closing time, call log to ISP, track and get resolved the complaint. Check and troubleshoot related issues of End users and ISP.
- 12)** Works assigned by IT Section related to all IT Systems existing and upcoming (e.g. Computer Hardware, Software, LAN, MSETCL systems etc. Work will be extended as per new additions of IT systems as per requirement of MSETCL on time to time.
- 13)** Standard operating procedure (SOP) will be given by IT section regarding all work.
- 14) Support staff:**
- a) Agency shall provide one (1) support staff at the site. Commencement of contract will be considered after providing email Id & mobile number with support staff to MSETCL.
 - b) Agency shall provide one Email Id & Mobile number having messaging account to support staff to communicate to MSETCL. MSETCL officials will call on these numbers or email for services. Email Id and Mobile numbers should NOT be changed during contract period. Also, Agency shall provide internet to the support staff.
 - c) Support staff should be well experienced and skilled Certified in computer Hardware, Software, Printer and Network and overall IT devices and systems & needs to have ability to execute full work as per this contract.
 - d) Support staff should be able to troubleshoot, diagnose, resolve and should be competent to repair all types of Computers, Laptops, Printers, Scanners, Servers, UPS and LAN with all LAN equipment, CCTV, Projectors and overall IT devices and systems, and should be able to handle networking protocols including but not

limited to Internet Protocol, Microsoft protocol etc., firewall, switch configuration, PC format with reinstallation of system software with back up at MSETCL. Support staff should have profound knowledge of all IT infrastructure.

- e) Support staff should have minimum One (1) year of relevant experience. MSETCL may will at any time test the knowledge of Support staff by self or third party. Any fault or issue or problems or loss occurred to MSETCL due to lack of knowledge of support staff, in this case, concern agency shall be responsible for the same and MSETCL will get this work by third party agency & losses (bills by third party full / partially) with penalty will be recovered from the concern agency.
- f) Support staff should have profound knowledge of computer networking like but not limited to LAN, IP management, Managed switches management, firewall management, ISP management, creating any type of rule or configuration in firewall or switch as per MSETCL requirement. Support staff should take care that no existing setup should be hampered.
- g) Support staff should be on the payroll of the agency. No subcontract of the job to the third-party agency will be allowed.
- h) Working hour of the support staff shall be 09:30 Hrs to 19:00 Hrs on working days including break and in case of emergencies, support staff will have to attend on weekends and holidays and beyond working specified hours without any extra charges. Support staff should have his own latest Laptop with latest OS, if required for outside support, they should also have internet. Support staff service is a full month i.e. 30/31 days as the case may be.
- i) Support staff will report on every day morning to the IT Section. Agency has to provide replacement for Support staff in case of absence of any Support staff of same capacity.
- j) Support staff shall do basic works like but not limited to drilling/electric/screw fitment etc. Support staff shall handle logistics related to AMC without any extra charges.
- k) MSETCL shall not provide any accommodation or travelling allowance to agency or support staff.
- l) Support Staff shall attend call within 30 minutes after reporting.
- m) All 'Annual Service charges' with respect to complete 'scope of work' are mentioned in 'Schedule-B'.

15) Temporary Standby Spares:

- a) In case of troubleshooting/failure, agency will provide standby spares of same quality & capacity to the end user. For example, in case of Hard disk format or failure, agency shall temporarily install his standby hard disk with all softwares till new spare i.e. hard disk is installed. Example is just illustrative purpose & applicable to all spares & services. This standby spare will not be permanent.

16) General Terms & Conditions:

- a) Agency has to provide substitute Support staff in case of absence of any Support staff of same capacity.
- b) Any complaint received to support staff directly or through this office shall be attended promptly. After attending the complaint, duly signed certificate of the end user with his reporting officer sign shall be obtained for which spares are consumed. Log of calls attended should be maintained in a register in a format given by MSETCL and in E-ticketing system (if becomes operational). Agency will provide register to MSETCL. Any such a register/s during contract period will be kept safe by agency & Agency will hand over these registers to MSETCL at the end of contract. Any sort of ignorance towards complaints will be viewed seriously.

- c) Agency shall provide & install new spare/s configuration, installation as per Email from IT Section only.
 - d) Day to day reporting of completion, pending work should be submitted to IT Section in Excel format.
 - e) Work completion date will be considered via agency email reply date only as per scope of work.
 - f) MSETCL may utilise services of this AMC in Pune & PCMC region time to time.
- 17) Penalty Clauses:** As per Schedule-'C'. In case of delay due to all subjects mentioned in 'Scope of Work', MSETCL will get completed same work from any third-party agency & bills from third party agency along with 'penalty' as per 'Penalty Clauses' will be deducted from bills or S.D. of the agency.
- 18) Comprehensive Items:** CCTV System, Switches, Firewall, WIFI, VC Devices with Configuration are comprehensive items. Means, Agency should take care proactive actions to safeguard them. Agency will keep 30 Days CCTV Back up Secured on MSETCL Back up. VC System/s will be comprehensive & will be custody of Agency.
- 19) Bill Payment:** Billing cycle will be per month (after completion of the month) from date of commencement of the contract and shall be as per Schedule-A, B, C and with respect to Scope of Work. Agency will raise tax invoice accordingly.
- 20)** For any queries or clarifications regarding the execution of work, the agency may contact the IT Section, EHV PC O&M Zone, Pune via email at itadmin6000@mahatransco.in.