

CIN NO. U40109MH2005SGC153646

	MAHARASHTRA STATE ELCECTICITY TRSNSMISSION CO LTD 400 KV R.S.O&M Division, Lonikand-I SambhajiNagar At Post Lonikand Tal, Haveli Dist Pune-412 216 Phone No- 9272222307 (O)/9272222308(P)	
	email id ee6130@mahatransco.in	

Ref-EE/400 KV /R.S.O&M /Dn/Lonikand-I/Tech/ 747

Date:- 28.12.2023

TO WHOM SO EVER IT MAY CONCERN

Subject:- Calling budgetary offer for IT AMC of various computers, laptops & printers under 400kV Lonikand premises.

Dear Sir,

The budgetary offers through e-mail are hereby invited for IT AMC of various computers, laptops & printers under 400kV Lonikand premises. Accordingly, it is requested to submit the budgetary offer for below mentioned work...

Schedule 'A'

Sr. No	Particulars	UOM	Ex Rate	GST	Unit rate
1	PART A (Supply Part)				
	Separate sheet is enclosed herewith for spares/ supply part along with scope of work. Please refer the same.				
2	PART B (Service Part)				
	Annual Service charges for support and maintenance of IT infrastructure at 400kV Lonikand-I, 400kV Lonikand-II, 400kV s/s construction s/dn Hinjewadi (At Post: TPT Unit, Lonikand) & 400kV Line construction s/dn Hinjewadi (At Post: TPT unit, Lonikand), MSETCL,Pune with online support as per Scope of Work.	Monthly			

Note: Rate shall be valid for 60 days from the date of submission of offer.

You are requested to quote your best reasonable rate for the above work. The terms & condition are as follows.

Terms & Conditions :-

The rate should be quoted on firm quotation basis.

The rates should be exclusive of all taxes. Taxes should be quoted extra.

You are requested to submit your best reasonable budgetary offer as per schedule 'A' for above mentioned subject on E-mail ID: ee6130@mahatransco.in upto 11:00 Hrs on dtd. 04.01.2024.

Following documents should be submitted along with your offer:-

1. Shop act / Udyog adhar Registration Certificate.
2. Work experience certificate/Work order/ any evidence for said work done in India.

Please note that said budgetary offer is only for estimate purpose & will not be considered for any bidding & no work order will be issued based on this offer.

For any doubt about the meaning of any portion, conditions/specifications you should get it clarified from the office of the undersigned before submission of the offer. Agency representative can visit the site location for detailed information.

Thanking You,

Yours Faithfully

Sd/-

R. V. Amberwadikar
Executive Engineer
400 KV R.S. O&M Division Lonikand-I

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED
CIN No. U40109MH2005SGC153646
400KV R.S O&M Division Lonikand-I

Schedule- 'A' (Please refer 'Scope of Work')

Spare List of Desktops,Laptops,Printers,Network devices etc.
(All Items should be 'brand new' with Providing , Fixing, Installation,Configuration,Erection,Commissioning,Maintainance)

Sr.No.	Description	Item Speification	Unit	Exclusive Rate	GST(%)
A	B	C	D	E	F
A	Spare list for Desktop PC	Please refer 'Scope of Work'	-	-	-
1	SMPS: 450 Watts SMPS (Artis/Circle)	Over Voltage,Under Voltage,Over Load Protection,Burnout Protection,Cooling Fan	Each		
2	SMPS: 500 Watts SMPS (Artis/Circle)	Over Voltage,Under Voltage,Over Load Protection,Burnout Protection,Cooling Fan	Each		
3	2GB DDR2 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
4	2GB DDR3 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
5	4GB DDR3 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
6	8GB DDR3 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
7	4GB DDR4 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
8	8GB DDR4 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
9	128GB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
10	256GB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
11	512GB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
12	1TB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
13	128GB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
14	256GB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
15	512GB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
16	1TB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
17	128GB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
18	256GB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
19	512GB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
20	1TB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
21	Caddy for Harddisk	Compatible to MSETCL Systems	Each		
22	1TB Internal SATA Hard Drive (Seagate/Toshiba/Samsung)	Minimum 7200 RPM	Each		
23	External USB DVD minimum 8X Rewriter (HP/Dell/Lenovo)	1 Year Warranty or as actual if greater that 1 Year.	Each		
24	Mouse Pad	Minimum 20cm * 25cm & 2mm thick, Anti-Slip Rubber Base & Smooth Mouse Control with Spill-Resistant Surface, Good quality smooth fabric	Each		
25	Mouse Pad with wrist rest	Minimum 20cm * 25cm & 2mm thick, Anti-Slip Rubber Base & Smooth Mouse Control wrist rest,Good quality smooth fabric	Each		

Sr.No.	Description	Item Specification	Unit	Exclusive Rate	GST(%)
A	B	C	D	E	F
26	CMOS Cell	1 Year Warranty or as actual if greater than 1 Year.	Each		
27	Gigabit ethernet Network Cards/Adapters (D-link/TP-Link)	1 Year Warranty or as actual if greater than 1 Year.	Each		
28	Sound Cards/Adapters	1 Year Warranty or as actual if greater than 1 Year.	Each		
29	Wired USB Multimedia Keyboard Mouse Combo : HP/Dell/Lenovo	Standard Size , not compact ,USB , Plug & Play	Each		
30	Wireless Multimedia Keyboard Mouse Combo with USB adapter: HP/Dell/Lenovo	Standard Size , not compact ,USB , Plug & Play , Mouse Scroll, Led Tracking	Each		
31	Wired USB Multimedia Keyboard : HP/Dell/Lenovo	Standard Size , not compact, USB, Plug & Play	Each		
32	Wireless Multimedia Keyboard with USB adapter: HP/Dell/Lenovo	Standard Size , not compact, Plug & Play ,USB	Each		
33	Wired USB Mouse: HP/Dell/Lenovo	Standard Size , not compact ,USB , Plug & Play , Mouse Scroll, Led Tracking	Each		
34	Wireless Mouse with USB adapter : HP/Dell/Lenovo	Standard Size , not compact ,USB , Plug & Play , Mouse Scroll, Led Tracking	Each		
35	600VA UPS : 7V 12A BATTERY (Artis/Luminous)	Compatible to MSETCL Systems	Each		
36	USB 3.0 to RJ45 Gigabit Ethernet Network Adapter : TP-Link/Storite	1 Year Warranty or as actual if greater than 1 Year.	Each		
B	Softwares				
1	Windows 10 Professional Operating System 32/64 Bit Lifetime License with OEM License Key	Lifetime License registered to MSETCL with Key	Each		
2	Microsoft Office Home & Business 2021 Lifetime License with OEM License Key	Lifetime License registered to MSETCL with Key	Each		
3	Microsoft Office Home & Student 2021 Lifetime License with OEM License Key	Lifetime License registered to MSETCL with Key	Each		
C	Spare list for Laptop				
1	2GB DDR2 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
2	2GB DDR3 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
3	4GB DDR3 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
4	8GB DDR3 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
5	4GB DDR4 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
6	8GB DDR4 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
7	128GB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
8	256GB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
9	512GB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
10	1TB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
11	128GB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
12	256GB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
13	512GB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
14	1TB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		

Sr.No.	Description	Item Specification	Unit	Exclusive Rate	GST(%)
A	B	C	D	E	F
15	128GB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
16	256GB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
17	512GB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
18	1TB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each		
19	Caddy for Harddisk	Compatible to MSETCL Systems	Each		
20	1TB Internal SATA Hard Drive : Seagate/Samsung	7200RPM , Minimum 64MB Cache	Each		
21	6 Cell Battery (HP/DELL/Lenovo)	Compatible to MSETCL Systems	Each		
22	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		
23	Network Cards/Adapters	1 Year Warranty or as actual if greater that 1 Year.	Each		
24	Sound Cards/Adapters	1 Year Warranty or as actual if greater that 1 Year.	Each		

D	Printer				
1	Black LaserJet Toner Cartridges: HP 12A	Compatible to MSETCL Systems	Each		
2	Black LaserJet Toner Cartridges: HP 18A	Compatible to MSETCL Systems	Each		
3	Black LaserJet Toner Cartridges: HP 36A	Compatible to MSETCL Systems	Each		
4	Black LaserJet Toner Cartridges : HP 88A	Compatible to MSETCL Systems	Each		
5	Toner Refill : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
6	Power Supply Board : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
7	Power Supply Board : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
8	Logic Board : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
9	Logic Board : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
10	Toner Drum : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
11	PCR Rod : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
12	Magnetic Rod : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
13	Doctor blade : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		

Sr.No.	Description	Item Specification	Unit	Exclusive Rate	GST(%)
A	B	C	D	E	F
14	Wiper Blade : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
15	Teflon : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
16	Paper Feed roller :HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
17	Heating Element : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
18	Paper Pickup Roller : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
19	Paper Output Tray :HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
20	Fuser Drive Gear : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
21	Belt Drive Gear :HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
22	Clutch Gear : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
23	Bushing : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
24	Bearing : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
25	Paper Input Tray Assy : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
26	Fuser Top Cover : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
27	Toner Drive Gear : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
28	Fuser Assembly :HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
29	Pressure Roller : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
30	Clutch Gear : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		

Sr.No.	Description	Item Specification	Unit	Exclusive Rate	GST(%)
A	B	C	D	E	F
31	Laser Scanner Unit : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
32	Direct Print Cartridge : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
33	SPACER Formatter Board : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
34	Cross Member Motor : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
35	Motor Cross Member Cover : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
36	Magnet Bush : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
37	Scanner Cable : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
38	Stove Lever :HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
39	Solenoid (Relay) :HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
40	Main Motor :HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
41	Fuser Top Cover : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
42	Separation Pad Assy :HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
43	Scanner Hinge Set : HP Laserjet -P 1007, P1008, HP Laserjet -1020Plus P1018,HP1160 P1108, M1136mfp and similar HP Printers.	Compatible to MSETCL Systems	Each		
44	1 Kilogram of LaserJet Printer Toner Cartridges Platinum Toner Powder : (GPS/Morel)	Compatible to MSETCL Systems	Each		
45	80Gram Toner Powder Bottle : High Density ,Premium Quality Black Toner Powder ,Strong Adhesion, Firmly Fusing compatible to HP88A,12A,18A and all similar category laser toners. (Proffisy/Dubaria)	Compatible to MSETCL Systems	Each		
46	HP 110 Toner Refill	Compatible to MSETCL Systems	Each		

E	Cables				
1	3 Pin Desktop Power Cord : 2 Meter	Standard Nominated brand with 1 Year Warranty or as actual if greater that 1 Year and compatible to HP/Dell/Lenovo machines.	Each		

Sr.No.	Description	Item Specification	Unit	Exclusive Rate	GST(%)
A	B	C	D	E	F
2	3 Pin Printer Power Cable : 2 Meter	Standard Nominated brand with 1 Year Warranty or as actual if greater that 1 Year and compatible to HP/Canon and similar printers.	Each		
3	CPU to Monitor VGA Cable : 3 Meter	1 Year Warranty or as actual if greater that 1 Year.	Each		
4	Printer USB Data Cable : 2 Meter	1 Year Warranty or as actual if greater that 1 Year and compatible to HP/Canon and similar printers.	Each		
5	HDMI Cable : 2 Meter	1 Year Warranty or as actual if greater that 1 Year.	Each		
6	HDMI Cable : 5 Meter	Standard Nominated brand with 1 Year Warranty or as actual if greater that 1 Year	Each		
7	HDMI Cable : 10 Meter	Standard Nominated brand with 1 Year Warranty or as actual if greater that 1 Year	Each		
8	Multiple USB Connector/Hub 4 Port 3.0 (Transcend/Circle)	1 Year Warranty or as actual if greater that 1 Year.	Each		
9	6A Spike Guard with 5 Socket & 5 Meter Cable (Anchor/GM)	1 Year Warranty or as actual if greater that 1 Year.	Each		

G	Storage Devices				
1	64GB Pen Drive 3.0 Steel Body : HP/Kingston	Standard Size , Not too compact or of made from memory card. Standard Nominated brand with 1 Year Warranty or as actual if greater that 1 Year.	Each		
2	128GB Pen Drive 3.0 Steel Body : HP/Kingston	Standard Size , Not too compact or of made from memory card. Standard Nominated brand with 1 Year Warranty or as actual if greater that 1 Year.	Each		
3	4TB Blank DVD (Sony/Samsung)	Compatible to MSETCL Systems	Each		
4	USB 3.0 External Portable Hard Disk 1TB : Segate/Samsung	1 Year Warranty or as actual if greater that 1 Year.	Each		

H	Networking & Devices				
1	Cat-6e UTP Cable with laying : D-Link	1 Year Warranty or as actual if greater that 1 Year.	Meter		
2	Cat-6e UTP Cable with laying & PVC Casing & capping, PVC Pipe, Screws, drilling : D-Link	1 Year Warranty or as actual if greater that 1 Year.	Meter		
3	2 Core armoured Industrial Grade Fibre optic cable with laying : D-Link	1 Year Warranty or as actual if greater that 1 Year and Splicing is considered in services.	Meter		
4	4 Core armoured Industrial Grade Fibre optic cable with laying : D-Link	1 Year Warranty or as actual if greater that 1 Year and Splicing is considered in services.	Meter		
5	6 Core armoured Industrial Grade Fibre optic cable with laying : D-Link	1 Year Warranty or as actual if greater that 1 Year and Splicing is considered in services.	Meter		
6	2 Core armoured Industrial Grade Fibre optic cable (D-Link) with laying with PVC Casing & capping, PVC Pipe, Screws, drilling : D-Link	1 Year Warranty or as actual if greater that 1 Year and Splicing is considered in services.	Meter		
7	4 Core armoured Industrial Grade Fibre optic cable (D-Link) with laying with PVC Casing & capping, PVC Pipe, Screws, drilling : D-Link	1 Year Warranty or as actual if greater that 1 Year and Splicing is considered in services.	Meter		
8	6 Core armoured Industrial Grade Fibre optic cable (D-Link) with laying with PVC Casing & capping, PVC Pipe, Screws, drilling : D-Link	1 Year Warranty or as actual if greater that 1 Year and Splicing is considered in services.	Meter		
9	Press Fit Royal PVC Casing & capping	1 Year Warranty or as actual if greater that 1 Year.	Meter		
10	PVC Pipe	1 Year Warranty or as actual if greater that 1 Year.	Meter		

Sr.No.	Description	Item Specification	Unit	Exclusive Rate	GST(%)
A	B	C	D	E	F
11	Single Information Outlet (Ethernet) with faceplate and box : D-Link	Standard nominated. Providing & Fixing of tool less information outlet (ethernet) flush/surface type in position as per specification no WGNAS/IO.	Each		
12	Double Information Outlet (Ethernet) with faceplate and box: D-Link	Standard nominated. Providing & Fixing of tool less information outlet (ethernet) flush/surface type in position as per specification no WGNAS/IO.	Each		
13	RJ45 Cat6 1 Meter Patch Cord Ethernet LAN Cable : D-Link	1 Year Warranty or as actual if greater that 1 Year and Splicing is considered in services.	Each		
14	RJ45 Cat6 2 Meter Patch Cord Ethernet LAN Cable : D-Link	1 Year Warranty or as actual if greater that 1 Year and Splicing is considered in services.	Each		
15	RJ45 Cat6 3 Meter Patch Cord Ethernet LAN Cable : D-Link	1 Year Warranty or as actual if greater that 1 Year and Splicing is considered in services.	Each		
16	RJ45 Cat6 5 Meter Patch Cord Ethernet LAN Cable : D-Link	1 Year Warranty or as actual if greater that 1 Year and Splicing is considered in services.	Each		
17	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		
18	RJ45 LAN Cable connector : D-Link	1 Year Warranty or as actual if greater that 1 Year and Splicing is considered in services.	Each		
19	Cable Marker (Coated)	Numbers and Letters	Each		
20	D-Link DGS-1008A 10/100/1000 Mbps Gigabit 8 ports Network Unmanaged Switch	1 Year Warranty or as actual if greater that 1 Year and Splicing is considered in services.	Each		
21	D-Link DGS-1024C 24-Port Gigabit Network Unmanaged Switch	1 Year Warranty or as actual if greater that 1 Year and Splicing is considered in services.	Each		
22	SFP Module 1.2GBPS(MediaConverter) / GBIC Pair : Syrotech/D-Link	1.2GBPS transceivers, Standards and Protocols IEEE 802.3z, CSMA/CD, TCP/IP,Fiber Type 9/125 Lm Single-mode,Port Type LC/UPC.	Each		
23	Cisco SG-350 24 Ports Managed Ethernet Switch	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		

Sd/-
R. V. Amberwadikar
Executive Engineer
400 KV R.S. O&M Division Lonikand-I



Service Charges (Please refer 'Scope of Work')

Schedule-'B'

Sr.No.	Description	Unit	Unit Rate (Rs.)	GST
A	B	C	D	E
1	Annual Service charges for support and maintenance of IT infrastructure at 400kV Lonikand-I, 400kV Lonikand-II, 400kV s/s construction s/dn Hinjewadi (At Post: TPT Unit, Lonikand) & 400kV Line construction s/dn Hinjewadi (At Post: TPT unit, Lonikand), MSETCL,Pune with online support as per Scope of Work.	Per Month		

Sd/-

R. V. Amberwadikar
Executive Engineer

400 KV R.S. O&M Division Lonikand-I

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) Period of AMC contract shall be one year from the date of commencement of the contract. However, in case of unsatisfactory 'services or spares', MSETCL reserves right to terminate contract at any time during period of contract by giving notice of seven (7) days. Bidder shall provide his official email Id for this contract. MSETCL shall consider this Email Id 'official' for any communication with bidder.
- 2) Bidder shall do troubleshooting, breakdown, preventive, regular maintenance and support of all IT Systems like but not limited to Computers, Laptops, Printers, WIFI, LAN, Projector, CCTV, Power Supply of IT Systems. Bidder may visit the site to have profound knowledge of existing MSETCL IT Systems. Approximately 170 Computers-Laptops, 130 printers, 40 LAN and allied devices of different but not limited to Lenovo, Dell, HP, Epson, Cisco, D-link, TP-Link, assembled etc. various brands. Count may vary time to time.
- 3) Bidder shall do printer & toner refilling, and troubleshooting as per requirement raised by MSETCL.
- 4) Bidder will do cleaning of all IT Systems (with blower &/or cotton) like but not limited to computers, printers, LAN devices, Video conference device, UPS, Projectors. Frequency of the same will be 'twice in a month' and as per need of MSETCL, to remove dust, dirt, & lubrication of working assembly and cleaning of any drive like C.D./D.V.D. Drive head , Printer with Head etc. with bidder's tools. Bidder will provide any lubrication for Computers, Printers, Projector, CCTV etc.
- 5) **Spares:**
 - a) Bidder 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:** Bidder will provide & fix all required spares within same working day after reporting to them (via any Email/Phone/SMS/Any Messaging App/ITMS). For some specific spares, MSETCL may give extended timeline at sole discretion of MSETCL. Bidder 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.
 - d) All spares are of 'providing & fixing' manner. 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. For Optical fibre related spares, with just explained example 'splicing' is considered with all required things. This is just an illustrative example and this illustration is applicable for all spares in Schedule-A.
 - e) Bidder 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 bidder, it may lead to cancellation of the contract and any other legal action may be taken against the bidder.
 - 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 bidder only) or as actual warranty (if warranty is more than one year, provided by manufacture/OEM). Within warranty period, Bidder 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 bidder.

6) Local Area Network (LAN):

Bidder 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 bidder whenever required by MSETCL.
- d) Any configuration related to Firewall, Switches, Modems, and Routers and allied all LAN equipment.
- e) IP Schema Management.

7) MSETCL Helpdesk Management system & ITMS: -

Bidder 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.
- g) Data backup of IT systems as per guidelines.

8) Tools: Bidder 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.

9) Software: Bidder 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 bidder other software set up required on 'time to time' and bidder shall provide setup within one day. Bidder shall also install MSETCL's Antivirus software, SAP GUI, VPN, IP Messenger etc. Software Installation timeline shall be two (2) hours after reporting. Bidder will install all MSETCL required softwares.

10) Internet monitoring: Bidder 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.

11) Works assigned by IT 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.

12) Standard operating procedure (SOP) will be given by Office regarding all work.

13) Support staff:

- a) Bidder 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) Bidder 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, Bidder 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 bidder 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 bidder.
- 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 bidder. 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 Office. Bidder 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 bidder 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'.

14) Temporary Standby Spares:

- a) In case of troubleshooting/failure, bidder will provide standby spares of same quality & capacity to the end user. For example, in case of Hard disk format or failure, bidder 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.

15) General Terms & Conditions:

- a) Bidder 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). Bidder will provide register to MSETCL. Any such a registers during contract period will be kept safe by bidder & Bidder will hand over these registers to MSETCL at the end of contract. Any sort of ignorance towards complaints will be viewed seriously.
- c) Bidder shall provide & install new spare/s configuration, installation as per Email from concern employee only.

d) Work completion date will be considered via bidder email reply date only as per scope of work.

16) 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 bidder.

17) 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 and with respect to Scope of Work.

Sd/-

R. V. Amberwadikar

Executive Engineer

400 KV R.S. O&M Division Lonikand-I