
 <p>MAHATRANSCO Maharashtra State Electricity Transmission Co. Ltd.</p>	<p align="center">MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD. (Government of Maharashtra U/T) CIN No. U40109MH2005SGC153646 From: Name of Office: EXECUTIVE ENGINEER, EHV PROJECT DIVISION-II, PUNE Office Address: Administrative Building, 1st Floor, 925, Kasba Peth, Pune – 411 011 Contact No.: FAX NO. (020) 245 70 525 & \ PHONE NO. (020) 245 70 676 E-Mail Id : ee6620@mahatransco.in</p>	
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Ref.No.EE/EHV/PROJ/DN-II/PN/705

Date: 14.06.2024

E-Enquiry

Subject:- E-Enquiry for Annual Maintenance Contract (AMC) for one year for Computers (Desktops, Laptops and such a devices), Local area network (LAN), Hardware/software Firewall and allied devices of, Printers, general purpose and system software including supply, installation & maintenance at MSETCL Offices in Administrative Building, Kasba Peth, Pune- 411011 and online assistance to Project Div II Pune Subdivision offices at Ganeshkhind with online support services to MSETCL and to float Tender and work order for same work.

Dear Sir,

Sealed & super scribed quotations are invited, for Annual Maintenance Contract (AMC) for one year for Computers (Desktops, Laptops and such a devices), Local area network (LAN), Hardware/software Firewall and allied devices of, Printers, general purpose and system software including supply, installation & maintenance at MSETCL Offices in Administrative Building, Kasba Peth, Pune- 411011 and online assistance to Project Div- II, Pune Subdivision offices at Ganeshkhind as to reach this office on or before **dt.21.06.2024 up to 18:15 hrs** under this office on following terms & conditions:

TERMS AND CONDITIONS :-

- Rates shall be quoted as per the Schedule "A" Any changes must be brought out clearly.**
- SCOPE OF CONTRACT**

The scope of work will be broadly as under:

Annual Maintenance Contract (AMC) for one year for Computers (Desktops, Laptops and such a devices), Local area network (LAN), Hardware/software Firewall and allied devices of, Printers, general purpose and system software including supply, installation

& maintenance at MSETCL Offices in Administrative Building, Kasba Peth, Pune- 411011 and online assistance to Project Div II Pune Subdivision offices at Ganeshkhind as per 'Annexure A'.

3. **Envelope 1:** A separate sealed envelope containing Xerox copies of qualifying documents as below is to be submitted mentioning on the top of the envelop **"TECHNICAL BID"**:-

- i) Shop Act/ Udyog Adhar License/NOC of grampanchayat for shop. The NOC of gram panchayat should valid and recent one.
- ii) PAN Card.
- iii) GST Registration
- iv) Work experience certificate of similar works.
- v) Computer Hardware/Networking Certificate.

If validity of any license/certificate expires during order period, you will have to renew the same & submit the copy to this office. Payment will be affected for valid period only.

4. **Envelope 2:** The rates should be quoted on your firm's letter head as per 'Schedule A' in sealed separate envelop mentioning on top of envelop **"COMMERCIAL BID"**

Techno-commercial bid will be opened for all received bids. After verifying the all documents /certificates submitted in techno commercial bid for qualifying per-requisites as mentioned above, if it is found that, the tenderer fulfills the desired per-requisites; the price bid will be opened. If the same is not found to be meeting the prerequisite, the commercial bid shall not be opened. Tenders with incomplete details or not submitted in prescribed tender form etc. will be liable for rejection.

4. Both envelopes, should be kept in another big envelop mentioning "Quotation for IT AMC Services Administrative Building Kasba peth".

5. **VALUE OF THE WORK:** - Value of the work contract is limited to Rs.7,00,000/- (Rs Seven Lakh Only) including all.

6. **WORK COMPLETION PERIOD:** - The validity of work order is for 12 Months or till exhaustion of work order amount. The work should be completed within 02 days from the date of intimation from respective In-charge. The bidder must have to maintain logbook for work to be executed with sign of respective In-charge also mentioning details of work carried out with date and sign of respective In-charge.

7. **TIME THE ESSENCE OF CONTRACT:** The time stipulated in the work order for the completion of works shall be deemed to be the essence of the contract. The Contractor shall so organize his resources and perform his work as to complete it not later than the date agreed to.

8. **WORKMANSHIP AND MATERIAL:** All materials used in the manufacture shall be high graded, free from defects and imperfection, recent manufacture & unused. Materials shall, confirm to the latest specifications, where applicable & it should be as per MSETCL specification. All work shall be performed and completed in accordance with the best shop practice. Material Supplied by contractor should be inspected by Executive Engineer OR his representative before starting the work. If Material is not as per MSETCL Standard & Specifications, then said material

will be liable to reject. MRC of supply shall be carried out jointly and signed by operating officer & the contractor. Quality of work to be carried out should be strictly confirmed to our specification, otherwise same will be rejected and contractor has to do the same at his cost and risk only. All work shall be performed and completed in accordance with the best shop practice.

A. Material shall be inspected & approved by the EE or his representative/operating officer.

B. MRC & JMC of works shall be carried out jointly and duly signed by concerned officer & the agency.

C. All above documents shall be submitted along with the bill. The prescribed formats will be issued with the final work order.

9. **WARRANTY:** The material supplied should be warranted for a period of 12 months from date of installation.

10. **SUPERVISION OF WORK:** The work should be carried out under the supervision of respective incharge. The work carried out without supervision will not be recorded and payment will not be released for such works which may please be noted. The prior intimation to Executive Engineer EHV Project Div-II, Pune is to be given by the contractor before starting the work.

11. The T&P/labor/machinery/equipment/material if required for the work shall be on contractor's account.

12. **COMPENSATION:** If any accident occurs to any of your worker / your Supervisor / or outsiders while carrying out the work, same will be on your account. The MSETCL will not be responsible for such accident/ compensation payment etc.

13. The payment will be effected by this office by NEFT/online monthly as per required specifications within 45 days after the submission of complete bill in all respect in Triplicate with all necessary documents.

14. **SECURITY DEPOSIT:** - You have to Pay, Security Deposit @ of 10% of the total value of the order in this office in online/by D.D./ B.G./ fixed deposit in nationalized or scheduled bank after receipt of LOI/order within 7 days. Also, you will have to apply for refund of SD within 6 months after completion of guarantee period. If you fail to apply within stipulated period, action as per company's rules will taken.

In case of DD/BG/FDR, the validity shall be up to 90 days from the due date of completion of guarantee period.

The security deposit will be refunded within 90 days from the date of completion of Guarantee period and by obtaining NOC from concern incharge. Also, you will have to apply for refund of SD within 6 months after completion of guarantee period. If you fail to apply within stipulated period, action as per company's rules will taken.

Please note that the % of security deposit clause of the work order may vary as per rules and guidelines issued by MSETCL/Government from time to time and same will be binding on you.

14. The estimated rates given by this office are inclusive of taxes. However, the bidder should quote rates exclusive of all Taxes. The taxes should be quoted separately.

15. PENALTY:

A) Delay in execution of work: If the contractor fails to complete the work in all respect in stipulated time as mentioned above, he will be liable to pay penalty at rate of ½ % per week subject to maximum limit of 10% of the total value of the order.

B) Performance of work: During the contract period, if it is found that performance of work is unsatisfactory, the contract is liable for termination by giving 3 days prior notice by forfeiting security deposit.

C) Delay in starting the work: If it is found that the contractor fails to execute the work within stipulated time period, the contract is liable for termination by giving 3 days prior notice by forfeiting security deposit.

16. **TECHNICAL SKILLED PERSON:** - The contractors shall employ and provide onsite only such employees who are skilled and experienced for execution and supervision of works. He shall also be responsible for any injury / accident to his employees, payment of compensations etc. as may require to be paid eventually, shall be borne by the contractor himself. The contractor should ensure that his staff uses the requisite safety equipment. The employees should be duly insured against any such eventuality.

17. **SUBMISSION OF TAX INVOICE:** Original tax invoice in triplicate shall be submitted as per Schedule 'A' with required documents. Further punching of PO (for spares) and MIGO/SES against contract will be done accordingly by EHV Project Div II Pune. The bills must be submitted along with Material Receipt Certificate/joint measurement certificate signed by both parties. The payment will be effected by Division offices accordingly within 45 days, subject to availability of funds after receipt of the bills.

18. ITAMS will be mandatory for the bidder.

18. Any breakage/damage occurred to MSETCL material/ Equipment / theft of material if any, asset during the supply shall be recovered from your bills as per rules.

19. The contractor shall not be entitled to claim any interest on amount payable to him.

20. You shall not entrust the work on sub-contract /transfer or assign the contract or any part thereof to any third party. In case any deviations observed it will be treated as breach of contract and the contract will be terminated at your entire risk and cost.

21. **Income tax:** If applicable will be deducted as per rules/ otherwise you will have to submit income tax exemption certificate or income tax registration no. of your firm PAN No.

23. In case of difference of opinion, misinterpretation of any of the condition of the contract. In connection with or arising out of the condition or during the period work, the decision of the under signed shall be final & binding on you.

24. While execution of work, if any loss is caused to MSETCL, the same will be recover from you & you will have to make good the loss, work to be attended by you at your cost & risk only.

25. The persons engaged by you must be well trained for above work.
27. No other charges except schedule, will be borne by the MSETCL.
28. The undersigned reserves the right to place order either partly or fully or to reject any or all the quotations without assigning any reasons whatsoever.
29. For any queries please feel free to contact on Mobile No. 9323102936.
30. **Agreement:** - As per rate you have to enter into contract agreement on stamp paper costing Rs500/-(Five Hundred Only) for this contract within 07 days from receipt of work order, the cost of stamp paper to be borne by the contractor.
31. **Jurisdiction:** All disputes, differences related to the contract shall be subject to the exclusive jurisdiction of Pune District Court.
32. You should be fully aware of the MSETCL's General Condition for execution of work and same is applicable to this contract also. Any of the condition will not exempt you from your liability to be abiding by the same.
33. Expenses will be booked against Admin Expenses for the year 2024-25.

Sd/-
(Abhijeet Kahalekar)
Executive Engineer
EHV Project Div-II, 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), Hardware/software Firewall and allied devices of, Printers, general purpose and system software including supply, installation & maintenance at MSETCL Offices in Administrative Building, Kasba Peth, Pune- 411011 and online assistance to Project Div II Pune Subdivision offices at Ganeshkhind 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 67 Computers-Laptops, 50 printers, 4 LAN, Firewall 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 'once a week' 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 re installation 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 complains 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/-
(Abhijeet Kahalekar)
Executive Engineer
EHV Project Div-II, Pune



MAHATRANSCO

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

CIN No. U40109MH2005SGC153646

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	Exclu -sive Rate	GST (18%)	Total Amount
A	B	C	D	E	F	E =F+E
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	628.81	113.19	742.00
2	SMPS: 500 Watts SMPS (Artis/Circle)	Over Voltage,Under Voltage,Over Load Protection,Burnout Protection,Cooling Fan	Each	1900	342.00	2242.00
3	2GB DDR2 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each	400	72.00	472.00
4	2GB DDR3 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each	700	126.00	826.00
5	4GB DDR3 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1100	198.00	1298.00
6	8GB DDR3 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1700	306.00	2006.00
7	4GB DDR4 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each	800	144.00	944.00
8	8GB DDR4 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1300	234.00	1534.00

9	128GB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	800	144.00	944.00
10	256GB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1200	216.00	1416.00
11	512GB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1800	324.00	2124.00
12	1TB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	2700	486.00	3186.00
13	128GB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1000	180.00	1180.00
14	256GB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1500	270.00	1770.00
15	512GB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	2500	450.00	2950.00
16	1TB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	3000	540.00	3540.00
17	128GB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	900	162.00	1062.00
18	256GB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1300	234.00	1534.00
19	512GB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	2300	414.00	2714.00
20	1TB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	3000	540.00	3540.00
21	Caddy for Harddisk	Compatible to MSETCL Systems	Each	100	18.00	118.00
22	1TB Internal SATA Hard Drive (Seagate/Toshiba/Samsung)	Minimum 7200 RPM	Each	3000	540.00	3540.00
23	External USB DVD minimum 8X Rewriter (HP/Dell/Lenovo)	1 Year Warranty or as actual if greater that 1 Year.	Each	1800	324.00	2124.00

24	Mouse Pad	Minimum 20cm * 25cm & 2mm thick, Anti-Slip Rubber Base & Smooth Mouse Control with Spill-Resistant Surface, Good quality smooth fabric	Each	70	12.60	82.60
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	90	16.20	106.20
26	CMOS Cell	1 Year Warranty or as actual if greater that 1 Year.	Each	30	5.40	35.40
27	Gigabit ethernet Network Cards/Adapters (D-link/Tp-Link)	1 Year Warranty or as actual if greater that 1 Year.	Each	430.51	77.49	508.00
28	Audio Sound Cards/Adapters	1 Year Warranty or as actual if greater that 1 Year.	Each	626.27	112.73	739.00
29	Wired USB Multimedia KeyBoard Mouse Combo : HP/Dell	Standard Size , not compact ,USB , Plug & Play	Each	742.37	133.63	876.00
30	Wireless Multimedia KeyBoard Mouse Combo with USB adapter: HP/Dell	Standard Size , not compact ,USB , Plug & Play , Mouse Scroll,Led Tracking	Each	1200	216.00	1416.00
31	Wired USB Multimedia KeyBoard : HP/Dell	Standard Size , not compact, USB,Plug & Play	Each	519.49	93.51	613.00
32	Wireless Multimedia KeyBoard with USB adapter: HP/Dell	Standard Size , not compact, Plug & Play ,USB	Each	1200	216.00	1416.00
33	Wired USB Mouse: HP/Dell	Standard Size , not compact ,USB , Plug & Play , Mouse Scroll,Led Tracking	Each	240.68	43.32	284.00
34	Wireless Mouse with USB adapter : HP/Dell	Standard Size , not compact ,USB , Plug & Play , Mouse Scroll,Led Tracking	Each	600	108.00	708.00
35	600VA UPS : 7V 12A BATTERY (Artis/Luminous)	Compatible to MSETCL Systems	Each	2000	360.00	2360.00

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	430.51	77.49	508.00
B	Spare list for Laptop					
1	2GB DDR2 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each	400	72.00	472.00
2	2GB DDR3 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each	700	126.00	826.00
3	4GB DDR3 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1100	198.00	1298.00
4	8GB DDR3 RAM (Kingston/Hynix/Simmtronics/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1700	306.00	2006.00
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7	128GB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	800	144.00	944.00
8	256GB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1200	216.00	1416.00
9	512GB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1800	324.00	2124.00
10	1TB SATA SSD Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	2700	486.00	3186.00
11	128GB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1000	180.00	1180.00

12	256GB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1500	270.00	1770.00
13	512GB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	2500	450.00	2950.00
14	1TB NVMe Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	3000	540.00	3540.00
15	128GB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	900	162.00	1062.00
16	256GB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	1300	234.00	1534.00
17	512GB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	2300	414.00	2714.00
18	1TB M.2 Hard Disk (EVM/Kingston/Samsung/Crucial)	Compatible to MSETCL Systems	Each	3000	540.00	3540.00
19	Caddy for Harddisk	Compatible to MSETCL Systems	Each	100	18.00	118.00
20	1TB Internal SATA Hard Drive : Seagate/Samsung	7200RPM , Minimum 64MB Cache	Each	3000	540.00	3540.00
21	6 Cell Battery (HP/DELL/Lenovo)	Compatible to MSETCL Systems	Each	2222.88	400.12	2623.00

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	1500	270.00	1770.00
23	Network Cards/Adapters	1 Year Warranty or as actual if greater that 1 Year.	Each	799	143.82	942.82
24	Sound Cards/Adapters	1 Year Warranty or as actual if greater that 1 Year.	Each	916.1	164.90	1081.00
D	Printer					
1	Black LaserJet Toner Cartridges: HP 12A	Compatible to MSETCL Systems	Each	4500	810.00	5310.00
2	Black LaserJet Toner Cartridges: HP 18A	Compatible to MSETCL Systems	Each	4148.3 1	746.70	4895.01
3	Black LaserJet Toner Cartridges : HP 88A	Compatible to MSETCL Systems	Each	4159.3 2	748.68	4908.00
4	Black LaserJet Toner Cartridges : Canon All in one MF3010	Compatible to MSETCL Systems	Each	4200	756.00	4956.00
5	Power Supply Board : HP/Canon Laserjet - MFPM126NW All in one, 1020,1020 plus,P1007, M1136MFP, M1213nf MFP, MF3010 All in one, 1319F MPF, P1008, 1022 and similar HP/Canon Printers.	Compatible to MSETCL Systems	Each	2000	360.00	2360.00

6	Logic Board : HP/Canon Laserjet - MFPM126NW All in one, 1020,1020 plus,P1007, M1136MFP, M1213nf MFP, MF3010 All in one, 1319F MPF, P1008, 1022 and similar HP/Canon Printers.	Compatible to MSETCL Systems	Each	2000	360.00	2360.00
7	Toner Drum : HP/Canon Laserjet - MFPM126NW All in one, 1020,1020 plus,P1007, M1136MFP, M1213nf MFP, MF3010 All in one, 1319F MPF, P1008, 1022 and similar HP/Canon Printers.	Compatible to MSETCL Systems	Each	100	18.00	118.00
8	PCR Rod : HP/Canon Laserjet - MFPM126NW All in one, 1020,1020 plus,P1007, M1136MFP, M1213nf MFP, MF3010 All in one, 1319F MPF, P1008, 1022 and similar HP/Canon Printers.	Compatible to MSETCL Systems	Each	72.03	12.97	85.00
9	Magnetic Rod : HP/Canon Laserjet - MFPM126NW All in one, 1020,1020 plus,P1007, M1136MFP, M1213nf MFP, MF3010 All in one, 1319F MPF, P1008, 1022 and similar HP/Canon Printers.	Compatible to MSETCL Systems	Each	77.12	13.88	91.00
10	Doctor blade : HP/Canon Laserjet - MFPM126NW All in one, 1020,1020 plus,P1007, M1136MFP, M1213nf MFP, MF3010 All in one, 1319F MPF, P1008, 1022 and similar HP/Canon Printers.	Compatible to MSETCL Systems	Each	48.31	8.70	57.01
11	Wiper Blade : HP/Canon Laserjet - MFPM126NW All in one, 1020,1020 plus,P1007, M1136MFP, M1213nf MFP, MF3010 All in one, 1319F MPF, P1008, 1022 and similar HP/Canon Printers.	Compatible to MSETCL Systems	Each	48.31	8.70	57.01

12	Teflon : HP/Canon Laserjet - MFPM126NW All in one, 1020,1020 plus,P1007, M1136MFP, M1213nf MFP, MF3010 All in one, 1319F MPF, P1008, 1022 and similar HP/Canon Printers.	Compatible to MSETCL Systems	Each	626.27	112.73	739.00
13	Paper Feed roller : HP/Canon Laserjet - MFPM126NW All in one, 1020,1020 plus,P1007, M1136MFP, M1213nf MFP, MF3010 All in one, 1319F MPF, P1008, 1022 and similar HP/Canon Printers.	Compatible to MSETCL Systems	Each	144.92	26.09	171.01
14	Heating Element : HP/Canon Laserjet - MFPM126NW All in one, 1020,1020 plus,P1007, M1136MFP, M1213nf MFP, MF3010 All in one, 1319F MPF, P1008, 1022 and similar HP/Canon Printers.	Compatible to MSETCL Systems	Each	1688	303.84	1991.84
15	Paper Pickup Roller : HP/Canon Laserjet - MFPM126NW All in one, 1020,1020 plus,P1007, M1136MFP, M1213nf MFP, MF3010 All in one, 1319F MPF, P1008, 1022 and similar HP/Canon Printers.	Compatible to MSETCL Systems	Each	150	27.00	177.00
16	Paper Output Tray : HP/Canon Laserjet - MFPM126NW All in one, 1020,1020 plus,P1007, M1136MFP, M1213nf MFP, MF3010 All in one, 1319F MPF, P1008, 1022 and similar HP/Canon Printers.	Compatible to MSETCL Systems	Each	150	27.00	177.00
28	Laser Scanner Unit : HP/Canon Laserjet - MFPM126NW All in one, 1020,1020 plus,P1007, M1136MFP, M1213nf MFP, MF3010 All in one, 1319F MPF, P1008, 1022 and similar HP/Canon Printers.	Compatible to MSETCL Systems	Each	2000	360.00	2360.00

41	Control Panel : Canon imageCLASS MF3010 and similar Canon Printers	Compatible to MSETCL Systems	Each	1000	180.00	1180.00
42	1 Kilogram of LaserJet Printer Toner Cartridges Platinum Toner Powder : (GPS/Morel)	Compatible to MSETCL Systems	Each	1494.9 2	269.09	1764.01
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	100	18.00	118.00
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	100	18.00	118.00
3	CPU to Monitor VGA Cable : 3 Meter	1 Year Warranty or as actual if greater that 1 Year.	Each	100	18.00	118.00
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	100	18.00	118.00
5	HDMI Cable : 2 Meter	1 Year Warranty or as actual if greater that 1 Year.	Each	143.22	25.78	169.00
6	HDMI Cable : 5 Meter	Standard Nominated brand with 1 Year Warranty or as actual if greater that 1 Year	Each	626.27	112.73	739.00
7	HDMI Cable : 10 Meter	Standard Nominated brand with 1 Year Warranty or as actual if greater that 1 Year	Each	1200	216.00	1416.00
8	Multiple USB Connector/Hub 4 Port 3.0 (Transcend/Circle)	1 Year Warranty or as actual if greater that 1 Year.	Each	450	81.00	531.00
9	6A Spike Guard with 5 Socket & 5 Meter Cable (Anchor/GM)	1 Year Warranty or as actual if greater that 1 Year.	Each	560	100.80	660.80

G	Storage Devices					
1	32GB 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	440.68	79.32	520.00
3	4TB Blank DVD (Sony/Samsung)	Compatible to MSETCL Systems	Each	150	27.00	177.00
4	USB 3.0 External Portable Hard Disk 1TB : Segate/Samsung	1 Year Warranty or as actual if greater that 1 Year.	Each	3800	684.00	4484.00
H	Networking & Devices					
1	Cat-6e UTP Cable with laying : D-Link	1 Year Warranty or as actual if greater that 1 Year.	Meter	38	6.84	44.84
2	Cat-6e UTP Cable with laying & 2" PVC Casing & capping, PVC Pipe, Screws, drilling : D-Link	1 Year Warranty or as actual if greater that 1 Year.	Meter	65.25	11.75	77.00
9	2" Press Fit Royal PVC Casing & capping	1 Year Warranty or as actual if greater that 1 Year.	Meter	13.56	2.44	16.00
10	Rigid PVC Pipe	1 Year Warranty or as actual if greater that 1 Year.	Meter	19.49	3.51	23.00
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	425	76.50	501.50
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	569.49	102.51	672.00
13	RJ45 Cat6 1 Meter Patch Cord Ethernet LAN Cable : D-Link	1 Year Warranty or as actual if greater than 1 Year and Splicing is considered in services.	Each	130.51	23.49	154.00

14	RJ45 Cat6 2 Meter Patch Cord Ethernet LAN Cable : D-Link	1 Year Warranty or as actual if greater than 1 Year and Splicing is considered in services.	Each	163.56	29.44	193.00
15	RJ45 Cat6 3 Meter Patch Cord Ethernet LAN Cable : D-Link	1 Year Warranty or as actual if greater than 1 Year and Splicing is considered in services.	Each	212.71	38.29	251.00
16	RJ45 Cat6 5 Meter Patch Cord Ethernet LAN Cable : D-Link	1 Year Warranty or as actual if greater than 1 Year and Splicing is considered in services.	Each	301.69	54.30	355.99
18	RJ45 LAN Cable connector : D-Link	1 Year Warranty or as actual if greater than 1 Year and Splicing is considered in services.	Each	48.31	8.70	57.01
19	Cable Marker (Coated)	Numbers and Letters	Each	43.22	7.78	51.00
20	D-Link DGS-1008A 10/100/1000 Mbps Gigabit 8 ports Network Unmanaged Switch	1 Year Warranty or as actual if greater than 1 Year and Splicing is considered in services.	Each	700	126.00	826.00
21	D-Link DGS-1024C 24-Port Gigabit Network Unmanaged Switch	1 Year Warranty or as actual if greater than 1 Year and Splicing is considered in services.	Each	5016.95	903.05	5920.00

Sd/-
(Abhijit Kahalekar)
Executive Engineer
EHV Project Div-II, Pune

Service Charges (Please refer 'Scope of Work')							
Schedule-'B'							
Sr. No.	Description	Unit	Qty	Unit Rate/ Month in Rs per Unit Excluding taxes	GST @ 18%	Total Amount (Rs.) per Month including GST	Total Amount including GST(Rs.)
A	B	C	D	E	F=E*18%	G=E+F	G=E+F
1	Annual Service charges for support and maintenance of IT infrastructure at Offices under Administrative Building, Kasba Peth,MSETCL, Pune with online support as per Scope of Work.	Per Month	12	19900.00	3582.00	23482.00	281784.00
TOTAL AMOUNT							281784.00

Sd/-
(Abhijit Kahalekar)
Executive Engineer
EHV Project Div-II, Pune



Schedule-'C' - Penalty Clauses				
Sr.No	Description	Unit	Penalty Calculation	Remarks
A	B	C	D	E
1	Absence of 1 (One) Support Staff	Per Day	Monthly Service charges for 1(One) Support Staff / 30	Charges will be deducted from monthly bills of bidder or from SD whichever is applicable.
2	Delay in Spares Installation	Per day	Flat Rs.500/- (Rs. Five Hundred Only/-) OR 20% on 'Spares Exclusive cost' whichever is higher	Bidder will install Spare/s within one day after reporting. If he fails to install Spares within one day then MSETCL will install same spare/s by any third party agency & same full cost of that work including penalty will be deducted from monthly bills of bidder or from SD whichever is applicable Bidder is expected to keep sufficient inventory at location.
3	Delay of Support Staff	30 Minutes	Flat Rs.500/- (Rs. Five Hundred Only/-)	Not present for Support In-Time or delay in Service in mentioned time. MSETCL will avail service from any third party agency & any bills including penalty will be deducted from monthly bills of bidder or from SD whichever is applicable.
4	Negligence of Support Staff	Per Case	Flat Rs.500/- (Rs. Five Hundred Only/-)	MSETCL will carry same work through any third party and any bills including penalty will be deducted from monthly bills of bidder or from SD whichever is applicable.
5	Unavailability of Tools on site	Per day	Flat Rs.500/- (Rs. Five Hundred Only/-)	MSETCL will carry same work through any third party and any bills including penalty will be deducted from monthly bills of bidder or from SD whichever is applicable.
6	Non availability of Software Set up or Standby tools	Per Case	Flat Rs.500/- (Rs. Five Hundred Only/-)	MSETCL will carry same work through any third party and any bills including penalty will be deducted from monthly bills of bidder or from SD whichever is applicable.

Sd/-
(Abhijit Kahalekar)
Executive Engineer
EHV Project Div-II, Pune