

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

<p>From <b>Office of the Chief Engineer</b> <b>EHV Project Cum O&amp;M Zone, Pune</b> Administrative Building, 3<sup>rd</sup> 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/ **NO 1554 -**

Date: - **06 SEP 2024**

**TO WHOM SO EVER IT MAY CONCERN**

**Subject:** Budgetary offers for 'Upgradation of Computers & Printers of ACVO, Project Champion, IT Section of EHV PC O&M Zone, Pune Office'

Budgetary offers are hereby invited on e-mail (itadmin6000@mahatransco.in) as per above mentioned work and as per Schedule-A & 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 rates quoted should be valid for minimum 90 days.
2. The rates should be quoted on firm 'quotation'.
3. The rates should be exclusive of all taxes. Taxes should be quoted saperately in given format.
4. You are requested to submit your best reasonable budgetary offer as per Schedule-A & with respect to Annexure-A ('Scope of Work'), for above works on E-mail ID: itadmin6000@mahatransco.in up to 11:00 Hrs on dtd. 13.09.2024
5. This budgetary offer is invited for 'estimation purpose only' and same will not be considered for any bidding OR other activity & No 'work order' will be issued against this 'Budgetary Offer'.

  
(Anil Kolap)

**Chief Engineer**  
**EHV PC O&M Zone, Pune**

Schedule-A - Desktop Computer / Printer/ Laptop at EHV PC O&M Zone,Pune - 411011								
Sr.No.	Description of Item	Quantity	Unit	Per 1 (One) Unit Exclusive Rate (INR)	Total Exclusive Rate (INR)	GST (%)	GST Amount (INR)	Total Amount (INR)
	<b>A</b> (As per 'Scope of the Work')	<b>B</b>	<b>C</b>	<b>D</b>	<b>E = (B*D)</b>	<b>F</b>	<b>G</b>	<b>(E+G)</b>
1	Supply of '17 Desktop Computer' as per 'Scope of Work' at EHV PC O&M Zone,Pune,MSETCL.	1	Number					
2	Supply of '17 Laptop' as per 'Scope of Work' at EHV PC O&M Zone,Pune,MSETCL.	1	Number					
3	Supply of '15 Laptop' as per 'Scope of Work' at EHV PC O&M Zone,Pune,MSETCL.	1	Number					
4	Supply of '13 Desktop Computer' as per 'Scope of Work' at EHV PC O&M Zone,Pune,MSETCL.	1	Number					
5	Supply of Print, copy, scan, Auto Duplex Printing 'Printer' as per 'Scope of Work' at EHV PC O&M Zone,Pune,MSETCL.	1	Number					
6	MS-Office Home & Business 2021							
	<b>Total</b>							



(Anil Kelap)  
Chief Engineer  
EHV PC O&M Zone Pune

Scope of Work (Annexure-A)

**Sub: 'Upgradation of Computers & Printers of ACVO, Project Champion, IT Sections of EHV PC O&M Zone, Pune Office'**

- 1) Supply & Installation of Computers, Printer with onsite warranty for 3(Three) years from date of installation.
  - a. Configuration should be as per Table-A '**Technical Specifications**'
  - b. Bidder shall provide genuine Lifetime Microsoft Windows OS License Key or any other licensed software key to MSETCL on delivery challan against serial number of Computers.
  - c. Onsite Warranty: In case of requirement of service under warranty, Bidder will 'take away & place back' the asset at his own cost including change/repair/replace (full/partial). Bidder will provide standby asset meantime.
- 2) All Spare parts, assembly should be from Single OEM. Means, e.g. If bidder is supplying 'Dell Desktop Computer', then it should be a single model package from 'Dell' & no other spare parts to be provided than dell. Here brand is specified for illustration purpose only.
- 3) No assembled items to be provided. Products should be brand new.
- 4) Any supplementary hardware has to be provided by Bidder at his own cost.
- 5) Bidder must be 'Computer/IT Hardware & Software Supplier' Agency or Company or Organization.

**Table-A - 'Technical Specifications'**

Sr.No.	Technical Specification
1	<p><b>i7 Desktop Computer:</b></p> <ol style="list-style-type: none"> <li>1. Preferable Make: Dell/HP/Lenovo</li> <li>2. <b>Processor:</b> Intel Core i7 (33 MB cache/20 cores/28 threads/up to 5.3 GHz Turbo) / 7 Generation with mentioned equivalent features &amp; performance.</li> <li>3. <b>Operating System:</b> Minimum Windows 10 Pro</li> <li>4. <b>Video Card:</b> Intel Graphics</li> <li>5. <b>RAM:</b> 1 * 8GB, DDR5</li> <li>6. <b>Hard Disk:</b> 512 GB, M.2 2230, PCIe NVMe, SSD, Class 35 and 512GB 7200 RPM 2.5 SATA HDD</li> <li>7. <b>Keyboard:</b> English International non-backlit keyboard</li> <li>8. <b>Mouse:</b> USB Optical Mouse-MS116 (EPEAT) – Black</li> <li>9. <b>Ethernet LAN Port:</b> Integrated Gigabit LAN Port</li> <li>10. <b>Power Cord:</b> System Power Cord India 6A</li> <li>11. <b>Hard Drive Cables and Brackets:</b> M.2 Caddy</li> <li>12. <b>ENERGY STAR Qualified:</b> Yes</li> <li>13. <b>Processor Label:</b> Intel Core i7 Processor Label</li> <li>14. <b>Ports &amp; Slots:</b> <ol style="list-style-type: none"> <li>a. Power Button</li> <li>b. Storage Activity Light / Universal Audio Jack</li> <li>c. USB 2.0 Port (Minimum 2 Ports) / USB 3.2 Gen 2 Port / USB 3.2 Gen 2x2 Type-C Port</li> <li>d. Re-tasking Line-out/Line-in Audio Port</li> <li>e. Serial Port / 3x DisplayPort 1.4a Ports</li> <li>f. Video Port : HDMI 2.1 / DisplayPort 1.4a / VGA / USB Type-C with DisplayPort</li> <li>g. USB 3.2 Gen 2 Type-A Port: 3x USB 3.2 Gen 1 Type-A Port / 2x USB 2.0 with SmartPower On</li> </ol> </li> </ol>

	<p>h. Power Cord Connector/ RJ-45 Ethernet</p> <p>15. <b>Motherboard:</b> OEM branded motherboard received as a single package.</p> <p>16. <b>Wireless:</b> In built/ External Wifi card</p> <p>17. <b>Monitor:</b> 22" LED Monitor</p> <p>18. All power/HDMI/Display Cables</p> <p>19. Warranty: Onsite 3(Three) Years</p>
2	<p><b>i3 Desktop Computer:</b></p> <ol style="list-style-type: none"> <li>1 Preferable Make: Dell/HP/Lenovo</li> <li>2 <b>Processor:</b> Intel Core i3 (12 MB cache/4 cores/8 threads) /7 Generation with mentioned equivalent features &amp; performance.</li> <li>3 <b>Operating System:</b> Windows 10 Pro</li> <li>4 <b>Video Card:</b> Intel Graphics</li> <li>5 <b>RAM:</b> 1 * 4GB, DDR5</li> <li>6 <b>Hard Disk:</b> 512 GB, M.2 2230, PCIe NVMe, SSD, Class 35 and 512GB 7200 RPM 2.5 SATA HDD</li> <li>7 <b>Keyboard:</b> English International non-backlit keyboard</li> <li>8 <b>Mouse:</b> USB Optical Mouse-MS116 (EPEAT) – Black</li> <li>9 <b>Ethernet LAN Port:</b> Integrated Gigabit LAN Port</li> <li>10 <b>Power:</b> 180 W internal Power Supply Unit (PSU)</li> <li>11 <b>Hard Drive Cables and Brackets:</b> M.2 Caddy</li> <li>12 <b>ENERGY STAR Qualified:</b> Yes</li> <li>13 <b>Processor Label:</b> Intel Core i3 Processor Label</li> <li>14 <b>Ports &amp; Slots:</b> <ul style="list-style-type: none"> <li>2 USB 2.0 ports / 1 USB 3.2 Gen 1 port / 1 USB 3.2 Type-C Gen 1 port</li> <li>1 Universal headset jack /2 USB 2.0 ports with Power on/Wake support</li> <li>2 USB 3.2 Gen 1 port /1 Audio line-out port /1 DisplayPort 1.4 port</li> <li>1 RJ-45 Ethernet port /1 HDMI 1.4b port</li> </ul> </li> <li>15 <b>Motherboard:</b> OEM branded motherboard received as a single package.</li> <li>16 <b>Wireless:</b> In built/ External Wifi card</li> <li>17 <b>Monitor:</b> 19" LED Monitor</li> <li>18 All power/HDMI Display Cables</li> <li>19 Warranty: Onsite 3(Three) Years</li> </ol>
3	<p><b>i5 Laptop:</b></p> <ol style="list-style-type: none"> <li>1. Preferable Make: Dell/HP/Lenovo</li> <li>2. <b>Processor:</b> i5 (12 MB cache/10 cores/12 threads) / 7 Generation with mentioned equivalent features &amp; performance. &amp; OEM Motherboard.</li> <li>3. <b>Operating System:</b> Windows 10 Pro</li> <li>4. <b>Display:</b> 16", 16:10 HD, Non-Touch, Anti-Glare</li> <li>5. <b>RAM:</b> 1*4GB, DDR5</li> <li>6. <b>Hard Disk:</b> 1TB M.2 PCIe NVMe Solid State Drive</li> <li>7. <b>Keyboard:</b> English International Backlit Keyboard with Numeric Keypad</li> <li>8. <b>Ports:</b> <ul style="list-style-type: none"> <li>2 USB 3.2 Gen 1 (5 Gbps) ports /1 USB 3.2 Gen 2 (10 Gbps) Type-C with DisplayPort /</li> <li>1 Universal Audio jack/1 HDMI 1.4 port/1 RJ45 Ethernet port/1 Power-adapter port /1 SD-card slot / Power Delivery port</li> </ul> </li> <li>9. <b>Touchpad:</b> Multi-touch gesture-enabled touchpad with inbuilt scrolling</li> <li>10. <b>Camera:</b> Minimum 1080p 30 fps FHD camera with microphones</li> <li>11. <b>Audio and Speakers:</b> Stereo speakers integrated</li> <li>12. <b>Chassis:</b> Metal</li> <li>13. <b>Wireless:</b> Realtek Wi-Fi 6, 802.11ax, Bluetooth</li> <li>14. <b>Primary Battery:</b> 4 Cell integrated</li> <li>15. <b>Power:</b> 65W AC adapter</li> </ol>

	<p>16. OEM Backpack</p> <p>17. <b>Warranty:</b> Onsite 3(Three) Years</p>
4	<p><b>i7 Laptop:</b></p> <ol style="list-style-type: none"> <li>1. Preferable Make: Dell/HP/Lenovo</li> <li>2. <b>Processor:</b> i7 (12 MB cache/10 cores/12 threads) / 7 Generation with mentioned equivalent features &amp; performance. &amp; OEM Motherboard.</li> <li>3. <b>Operating System:</b> Windows 10 Pro</li> <li>4. <b>Display:</b> 16", 16:10 HD, Non-Touch, Anti-Glare</li> <li>5. <b>RAM:</b> 1*8GB, DDR5</li> <li>6. <b>Hard Disk:</b> 1TB M.2 PCIe NVMe Solid State Drive</li> <li>7. <b>Keyboard:</b> English International Backlit Keyboard with Numeric Keypad</li> <li>8. <b>Ports:</b> 3 USB 3.2 Gen with Type-C with DisplayPort/Power Delivery port/1 Universal Audio jack/1 HDMI 1.4 port/1 RJ45 Ethernet port/1 Power-adapter port /1 SD-card slot/1 M.2 2230 slot for solid-state drive</li> <li>9. <b>Touchpad:</b> Multi-touch gesture-enabled touchpad with inbuilt scrolling</li> <li>10. <b>Camera:</b> Minimum 1080p 30 fps FHD camera with microphones</li> <li>11. <b>Audio and Speakers:</b> Stereo speakers integrated</li> <li>12. <b>Chassis:</b> Metal</li> <li>13. <b>Wireless:</b> Realtek Wi-Fi 6, 802.11ax, Bluetooth</li> <li>14. <b>Primary Battery:</b> 4 Cell integrated</li> <li>15. <b>Power:</b> 65W AC adapter</li> <li>16. OEM Backpack</li> <li>17. <b>Warranty:</b> Onsite 3(Three) Years</li> </ol>
5	<p><b>Print, scan, copy Auto Duplex Printer:</b></p> <ol style="list-style-type: none"> <li>1. Functions: Print, copy, scan</li> <li>2. Print Technology: Laser</li> <li>3. Print Speed: Black Minimum 41 - 50</li> <li>4. Monochrome (Black and white)</li> <li>5. Connectivity: Bluetooth, Ethernet networking, USB, Wireless (Wi-Fi), Wireless direct printing etc.</li> <li>6. Output Handling: Sheetfeed</li> <li>7. Envelope Input Capacity: Minimum Up to 10 envelopes</li> <li>8. Output Capacity: Minimum Up to 150 sheets</li> <li>9. Media Type and Capacity, ADF: Minimum Sheets: 50 uncurled</li> <li>10. Media Type and Capacity, In Tray 1: Minimum Sheets: 100; Envelopes: 10</li> <li>11. Paper Handling Input: 550-sheet tray</li> <li>12. ADF Tray, another Tray should be different.</li> <li>13. Paper Handling Output, Standard: Minimum 150-sheet output</li> <li>14. Standard Output Capacity (Envelopes): Minimum Up to 10 envelopes</li> <li>15. Display: Minimum 2.7 (6.86 cm) with colour touchscreen</li> <li>16. Number Of Print Cartridges: 1 (black)</li> <li>17. Power Supply Type: Internal (Built-in) power supply (Indian Power Standard)</li> <li>18. Duty Cycle (Monthly, Letter): Minimum Up to 50,000 pages</li> <li>19. Duplex Printing: Automatic (by default)</li> <li>20. Scan Size (ADF) : Maximum 216 x 356 mm</li> <li>21. Scan File Format : Minimum PDF, JPG, TIFF</li> <li>22. Colour Scanning : Required</li> <li>23. Auto Document Feeder Capacity : Standard, Minimum 50 sheets</li> <li>24. Scanner Type : Flatbed, ADF</li> <li>25. Scan Size, Maximum : 216 x 297 mm</li> <li>26. Levels Of Grayscale : 256</li> <li>27. Scan Input Modes : Front-panel scan, copy, email, or file buttons.</li> </ol>

	<p>28. Scan Size ADF (Minimum) : 102 x 152 mm</p> <p>29. Bit Depth : 24-bit</p> <p>30. Duplex ADF Scanning : Yes</p> <p>31. Software Scan File Format : Windows, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF, searchable PDF, JPG, RTF, TXT, PNG, TIFF</p> <p>32. Basic Scan File Format : PDF, JPG</p> <p>33. Scan Technology : Contact Image Sensor (CIS)</p> <p>34. Scan Size, Maximum : 8.5 x 11.7 in</p> <p>35. Scan Size (ADF), Maximum : 8.5 x 14 in</p> <p>36. Scan Size ADF (Minimum) : 4 x 6 in</p> <p>37. Connectivity, Standard : Minimum 1 Hi-Speed USB 2.0; 1 rear host USB; 1 Front USB port; Gigabit Ethernet LAN 10/100/1000BASE-T network; 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio</p> <p>38. Network Capabilities : Required built-in 10/100/1000Base-TX Gigabit Ethernet</p> <p>39. Mobile Printing Capability : Wi-Fi Direct Printing</p> <p>40. Network Protocols : Supported TCP/IP, IPv4, IPv6</p> <p>41. IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 ,SSL Security and Certificate management</p> <p>42. All power/data Cables</p> <p>43. Warranty: Onsite 1(One) Year</p>
6	<p><b>Microsoft Office Home &amp; Business 2021 Software:</b></p> <ol style="list-style-type: none"> <li>1. One-time &amp; lifetime for 1 PC</li> <li>2. Inclusion of 2021 versions of Word, Excel, PowerPoint, and Outlook</li> <li>3. Compatible with Windows 11, Windows 10</li> </ol>

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06/09/2024

AP (IT)

EHV PC O&M Zone, Pune