
	<p style="text-align: center;"><b>MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD</b>  <b>Government of Maharashtra (Undertaking)</b>  (CIN No. U40109MH2005SGC153646)  <b>EHV Project Cum O&amp;M Zone, Pune</b>  Administrative Building, 3<sup>rd</sup> floor, Block No.402, Rasta Peth, Pune -411011  ☎ 26066106, 26061913, 26061132 (P)  E-Mail : cepune@mahatransco.in</p>	
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CE/EHV PC O&M/Zone/Pune/Tech/136

Date:- 19.01.2024

**E-ENQUIRY (Through MSETCL web page)**

**Sub: - E- Enquiry for** Upgradation of Computers & Printers of Technical, F&A, HR Sections of EHV PC O&M Zone, Pune on buyback basis.

**Dear Sir,**

Sealed and Super scribed quotations are invited for the supply as mentioned in schedule 'A'  
You are requested to quote your lowest rate for above. The terms & conditions are as follows-

**TERMS & CONDITIONS: -**

- 1) The rate should be quoted on firm quotation basis.
- 2) The rate should be inclusive of all taxes and duties applicable.
- 3) The required system shall be as per the specifications mentioned in **schedule 'A'**
- 4) 10 % Security Deposit will be required to be paid before affecting the supply.
- 5) Payment will be effected within reasonable period.
- 6) The validity of your quotation should be minimum 03 months.
- 7) Onsite 3 years warranty by Bidder is required.
- 8) All material should be Sealed & to be opened in front of MSETCL Officials.
- 9) Any Upgrade in item should be done in front of MSETCL Officials only.
- 10) All Item should be bought from single OEM as a Single piece like motherboard etc.
- 11) Your sealed quotations should reach this on or before **dt. 30.01.2024 at 12:00 hrs without fail. Date of opening of quotations is dt. 30.01.2024 at 15.00 Hrs. (Probable) Quotations received after due date & time will not be considered.**
- 12) Following documents should be enclosed along with your offer: **-PAN No., GST Registration Certificate, Shop ACT License and Work order for supply of minimum 3 nos. desktop computer or above.**
- 13) Bidder will either register product on OEM Website or bidder may provide email from OEM for product or any acceptable method like service/warranty registration through OEM is required.
- 14) The right to place an order or to cancel without assigning any reason is reserved with this office.

Thanking You.

**Enclosed: Schedule "A"**

Yours faithfully

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

**Copy to:**  
**The AGM (F&A), EHV PC O&M Zone Pune.**  
**MF/Notice Board.**

## SCHEDULE 'A'

**Subject: - Work of "Upgradation of Computers & Printers of Technical, F&A, HR Sections of EHV PC O&M Zone office, Pune on buyback basis.**

<b>Schedule-A - Desktop Computer / Printer/ Scanner at EHV PC O&amp;M Zone,Pune - 411011</b>								
Sr. No.	Description of Item	Qty	Unit	Per 1 (One) Unit Exclusive Rate (INR)	Total Exclusive Rate (INR)	GST (%)	GST Amount (INR)	Total Amount (INR)
	A (As per 'Scope of the Work')	B	C	D	E = (B*D)	F	G	(E+G)
1	Supply & Installation of 'i7 Desktop Computer' as per 'Scope of Work' at EHV PC O&M Zone,Pune,MSETCL.	1	Number					
2	Supply & Installation of 'i5 Desktop Computer' as per 'Scope of Work' at EHV PC O&M Zone,Pune,MSETCL.	1	Number					
3	Supply & Installation of 'i3 Desktop Computer' as per 'Scope of Work' at EHV PC O&M Zone,Pune,MSETCL.	6	Number					
4	Supply & Installation of 'i3 Laptop' as per 'Scope of Work' at EHV PC O&M Zone, Pune, MSETCL.	1	Number					
5	Supply & Installation of 'All In one ADF Ethernet (LAN) Laser Jet Printer' as per 'Scope of Work' at EHV PC O&M Zone, Pune, MSETCL.	2	Number					
6	Supply & Installation of 'Dedicated Scanner' as per 'Scope of Work' at EHV PC O&M Zone, Pune, MSETCL.	1	Number					
	<b>Sub Total</b>							
7	Buyback Value of existing Computers/Printers/Laptop as per 'Schedule-B' (This amount is to be deducted from 'Sub Total' Value)							
	<b>Grand Total</b>							

**List of Buy-Back SCHEDULE 'B'**

**Subject:- Work of "Upgradation of Computers & Printers of Technical, F&A, HR Sections of EHV PC  
O&M Zone office, Pune on buyback basis.**

<b>Sr.no</b>	<b>Particulars</b>	<b>Qty.</b>	<b>Amount</b>
1	Desktop Computer Dual core	3	
2	Desktop Computer-i3	5	
3	All in one Printer	1	
4	Printer	1	
5	Laptop	1	
	<b>TOTAL (B)</b>	<b>11</b>	

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

### Scope of Work

- 1) Supply & Installation of Computers, Printer, Scanner 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 Onsite Warranty for 3 years.
  - c. Bidder shall provide Lifetime Microsoft Windows OS License Key to MSETCL on delivery challan against serial number of Computers.
- 2) All Spare parts, assembly should be from Single OEM only for each separate item. 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.	Item Technical Specification (As per ref iv)
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 (30 MB cache, 16 cores, 24 threads, 2.10 GHz to 5.10 GHz Turbo, 65 W) / Minimum 7 Generation with mentioned features.</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 * 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> [a. Power Button / b. Hard-disk drive activity light/ c. SD card reader (optional) / d. Universal Audio Jack/ e. USB 2.0 / 6. USB 2.0 / f. USB 3.2 Gen 2 / g. USB 3.2 Gen 2x2 Type-C / h. Optical drive (optional) / i. Re-tasking line-out/line-in audio port/ j. Serial port (optional) / 12. 3x DisplayPort 1.4a (each up to 4096 x 2304@60Hz)/ k. <b>Video port</b> i) HDMI 2.1, up to 4096 x 2160 @60Hz / ii) DisplayPort 1.4a, up to 5120 x 3200 @60Hz / iii) VGA, up to 1920 x 1200 @60Hz / iv) USB Type-C with DisplayPort Alt mode, up to 5120 x 3200 @60H / L. USB 3.2 Gen 2 / m. USB 3.2 Gen 1 / n. USB 3.2 Gen 1 / o. USB 3.2 Gen 1 / p. USB 2.0 with Smart Power On / q. RJ-45 Ethernet / r. Four Expansion Card Slots / s. Power Cord Connector / t. Power Supply Diagnostic Light / u. Release latch / v. Padlock ring / x. Security-cable slot]</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> 22” LED Monitor</li> <li>18 All power/HDMI/Display Cables</li> </ol>

	19 Warranty: Onsite 3(Three) Years
2	<p><b>i5 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 i5 (24 MB cache, 14 cores, 20 threads, 2.50 GHz to 4.80 GHz Turbo, 65 W) / Minimum 7 Generation with mentioned features.</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 i5 Processor Label</li> <li>14 <b>Ports &amp; Slots:</b>  [Ports:  Optical Disk Drive (Optional) / Media Card Reader (Optional) / 2 USB 2.0 ports / 2 USB 3.2 Gen 1 ports / 1 Global headset jack / 1 SD-card reader (optional)  2 USB 2.0 ports with Smart Power / 2 USB 3.2 Gen 1 ports / 1 Audio line-out port / 1 RJ-45 Ethernet port / 1 AC power-supply port / 1 HDMI 1.4b port]</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>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, 3.40 GHz to 4.50 GHz Turbo, 60 W) / Minimum 7 Generation with mentioned features.</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>  a. Power Button / b. Hard-disk drive activity light  c. SD card reader (optional) /d. Universal Audio Jack  e. USB 2.0/f. USB 2.0  g. USB 3.2 Gen 2/h. USB 3.2 Gen 2x2 Type-C</li> </ol>

	<p>i. Optical drive (optional)/j. Re-tasking line-out/line-in audio port  k. Serial port (optional)/l. 3x DisplayPort 1.4a (each up to 4096 x 2304@60Hz)  m. Video port:  i HDMI 2.1, up to 4096 x 2160 @60Hz  ii DisplayPort 1.4a, up to 5120 x 3200 @60Hz  iii VGA, up to 1920 x 1200 @60Hz  iv USB Type-C with DisplayPort Alt mode, up to 5120 x 3200 @60H  n. USB 3.2 Gen 2 /o. USB 3.2 Gen 1/p. USB 3.2 Gen 1  q. USB 3.2 Gen 1/r. USB 2.0 with Smart Power On  s. RJ-45 Ethernet/t. Four Expansion Card Slots  u. Power Cord Connector/v. Power Supply Diagnostic Light  x. Release latch/y. Padlock ring/z. Security-cable slot  15 <b>Motherboard:</b> OEM branded motherboard received as a single package.  16 <b>Wireless:</b> In built/ External Wifi card  17 <b>Monitor:</b> 19” LED Monitor  18 All power/HDMI Display Cables  19 <b>Warranty:</b> Onsite 3(Three) Years</p>
4	<p><b>i3 Laptop:</b>  1. Preferable Make: Dell/HP/Lenovo  2. <b>Processor:</b> Intel® Core i3 (10 MB cache, 6 cores, 8 threads, up to 4.40 GHz Turbo) - Minimum 7<sup>th</sup> Generation  3. <b>Operating System:</b> Windows 10 Pro  4. <b>Video Card:</b> Integrated Intel® UHD Graphics for i3 Processor  5. <b>RAM:</b> 1 * 4GB, DDR4 DDR4, 3200 MT/s  6. <b>Hard Disk:</b> 1 TB, M.2 2230, PCIe NVMe, SSD, Class 35  7. <b>Display:</b> 15.6", HD 1Minimu 366x768, 60Hz, TN, Non-Touch, Anti-Glare, HD Camera, WLAN  8. <b>Keyboard:</b> English Backlit US International Keyboard with numeric keypad  9. <b>Ports:</b>  i. USB 3.2 Gen1  ii. RJ45  iii. Wedge Shaped Lock Slot  iv. Power  v. HDMI 1.4  vi. USB 3.2 Gen1 with PowerShare  vii. USB Type-C 3.2 Gen2 with Power Delivery &amp; DisplayPort  viii. Universal Audio Jack  10. <b>Camera:</b> HD Camera, Temporal Noise Reduction, Camera Shutter, Mic  11. <b>Audio and Speakers:</b> Stereo speakers, minimum 2 W x 2 = 4 W total  12. <b>Chassis:</b> Exterior Chassis Materials / Aluminium exterior shell  13. <b>Touchpad:</b> Platinum Silver: Precision touchpad  14. <b>Wireless:</b> Intel® Wi-Fi 6E AX211, 2x2, 802.11ax, Bluetooth® wireless card  15. <b>Wireless Driver :</b> Intel AX201/AX211 WLAN Driver  16. <b>Battery:</b> 3 Cell, 42 Wh, ExpressCharge™ Capable, Long Life Cycle  17. <b>Power:</b> 65W AC rugged adapter, Minimum 4.5mm barrel  18. <b>Power Cord :</b> E4 Power Cord  19. <b>Regulatory:</b> ENERGY STAR  20. All Cables if any. Laptop Bag.  21. <b>Warranty:</b> Onsite 3(Three) Years</p>

5	<p><b>All In one ADF Ethernet (LAN) LaserJet Printer:</b></p> <ol style="list-style-type: none"> <li>1. Preferable make: HP/Canon/Epson/Brother or equivalent quality</li> <li>2. A4 Print, Scan, Copy function</li> <li>3. ADF Printing &amp; Scanning function</li> <li>4. Monochrome (Black)</li> <li>5. Print speed: A4:Upto20ppmblack</li> <li>6. Print resolution Black (best): Minimum Upto600x600dpi; Black (normal): Upto600x400dpi</li> <li>7. Print technology: Laser, Laser toner cartridge, no tank model</li> <li>8. Print cartridges number: 1(black)</li> <li>9. Standard print languages PCLm/PCLmS</li> <li>10. Scan type/technology Type: Flatbed,ADF;Technology: ContactImageSensor(CIS)</li> <li>11. Scan speed: Minimum Normal, A4: Upto7ppm(b&amp;w), upto5ppm(colour)</li> <li>12. Scan resolution Enhanced: Minimum Upto1200dpi; Hardware: Upto1200x1200dpi; Optical: Upto1200dpi</li> <li>13. Scan file format: JPG, RAW(BMP), PDF,TIFF,PNG;TXT,PDF</li> <li>14. Scan input modes: Scanning via Standard OEM scan application</li> <li>15. Scan size maximum ADF: 216x356mm(8.5x14in); Flatbed: 216x297mm(8.5x11.7in)</li> <li>16. Copy resolution Black (graphics): Upto400x600dpi; Colour (text and graphics): Upto400x600dpi</li> <li>17. Max. no. of copies: Minimum Upto 99 copies</li> <li>18. Copier settings: Number of copies; Lighter/Darker; Reduce/Enlarge; Optimize (draft,text,mixed,picture);PaperSize,Collation</li> <li>19. Standard connectivity: Hi-Speed USB2.0 port; built-inFastEthernet10/100Base-TXnetworkport</li> <li>20. Network capabilities Via built-in 10/100Base-T TCP/IPnetworking</li> <li>21. Network ready: Standard(built-inEthernet)</li> <li>22. Memory: Minimum 128MB</li> <li>23. Processor speed: Minimum 600MHz</li> <li>24. Paper handling (Minimum): <ol style="list-style-type: none"> <li>i. Input 150-sheet input tray</li> <li>ii. Output 100-sheetface-down bin</li> <li>iii. Mediatype Paper(plain,LaserJet),envelopes,transparencies,labels,postcards</li> <li>iv. Media weight 60 to 163g/m<sup>2</sup>(16to43lb)</li> <li>v. Media sizes custom 76x127to216x356mm(3x5to8.5x14in)</li> <li>vi. ADF capacity Standard,35sheets</li> </ol> </li> <li>25. Weight: not more than 9.5kg</li> <li>26. Should have inbuilt LCD control panel for all functions like OK/Cancel/ Up/Down/ Copy/Number of Copies.</li> <li>27. OEM Software for Windows 7 / 10 / 11 operating systems.</li> <li>28. Power supply type: Built-in power supply</li> <li>29. Warranty: Onsite 3(Three) Years</li> <li>30. All Power,USB cables.</li> </ol>
6	<p><b>Dedicated Scanner:</b></p> <ol style="list-style-type: none"> <li>1. Preferable make: Canon/HP/Epson or equivalent make</li> <li>2. Scanner with Desktop sheetfed scanner</li> <li>3. Automatic or manual sheet feeding, Double feed detection, Advanced text enhancement</li> <li>4. Skip blank page, Prescan, Auto paper detection</li> </ol>

5. Deskew, Batch separation, Colour drop-out, Colour enhancement, Text orientation recognition
6. Continuous scanning, Edge enhancement, Preset gamma curve, Scan area settings, Multistream settings, Folio scanning
7. Remove background, Moire reduction, Background smoothing, Full auto mode.
8. Hi-Speed USB 2.0
9. Feeder capacity: Minimum 60 sheets
10. Speed: Minimum 45ppm/90ipm
11. Minimum 600 dpi in scanning resolution
12. Light Source: LED (red, green, and blue)
13. Scanning Side: Simplex / Duplex
14. Scanning Modes: Black and white, Error diffusion, Advanced Text Enhancement II , Minimum: 256-level Greyscale / Minimum: 24-bit Colour
15. Minimum Scanning Resolutions 100 x 100dpi, 150 x 150dpi, 200 x 200dpi, 240 x 240dpi, 300 x 300dpi, 400 x 400dpi, 600 x 600dpi
16. Minimum Scanning Speed:  
 (A4 / L, Portrait, 200dpi) Black and White 45ppm (simplex) / 90ipm (duplex) 256-level Grayscale 45ppm (simplex) / 90ipm (duplex) 24-bit Colour 30ppm (simplex) / 60ipm (duplex)
17. Minimum Other spares:  
 Flatbed Scanner Unit 102/Barcode Module/2D codw Module/Exchange Roller Kit (feed roller, retard roller, document holding guide)/Carrier Sheet (A4)
18. Standard AC adapter
19. Standard USB adapter
20. Compatible with Windows 7 / 10/ 11
21. OEM Software Should be provided with installation.