

भारत सरकार / Government of India  
परमाणु ऊर्जा विभाग / Department of Atomic Energy  
सचिवालय समन्वय अनुभाग / Secretariat Coordination Section

अणुशक्ति भवन / Anushakti Bhavan,  
छत्रपति शिवाजी महाराज मार्ग / C.S.M. Marg,  
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022-22862661

No.23/5/2021-SCS/E-File/12281

Dated:- 13 -10 - 2021

**पृष्ठांकन / ENDORSEMENT**

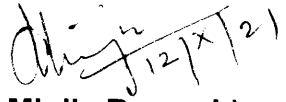
**विषय /:** Revised Model Technical Specification of Tablet PCs -  
**Subject:** regarding

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उपरोक्त विषय पर इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय, नई दिल्ली से प्राप्त दिनांक 27/08/2021 के नोट संख्या W-43/4/2020-IPHW-MeitY की एक प्रति सूचना एवं अनुपालन हेतु अग्रेषित है।

A copy of Note No. W-43/4/2020-IPHW-MeitY dated 27/08/2021 received from Ministry of Electronics and Information Technology, New Delhi on the above-mentioned subject is forwarded for information and compliance.

संलग्न / Encl.: 10 pages.

  
(मिनिजा रमेश / Minija Ramesh)  
अनुभाग अधिकारी (एस. सी. एस) / Section Officer (S.C.S)  
0022-22862661

**All Heads of Constituent Units/PSUs/Aided Institutions of DAE.**

**प्रतिलिपि / Copy also to:**

1. All Admin Heads of Constituent Units/PSUs/Aided Institutions of DAE.
2. पऊवि के सभी अधिकारी एवं अनुभाग / All Officers & Sections in DAE Secretariat.-DARPAN
3. सचिव, स्टाफ साइड, पऊवि विभागीय परिषद् / Secretary, Staff Side, DAE Departmental Council.
4. E फाइल संख्या / 23/5/2021-SCS/E-File. – For Digital Filing
5. GF-169/SCS-DAE
6. Head (CISD), DAE- For further necessary action w.r.t DAE Sect.

**W-43/4/2020-IPHW-MeitY**  
**Government of India**  
**Ministry of Electronics and Information Technology**  
**(IPHW Division)**

Electronics Niketan, 6, CGO Complex,  
Lodhi Road, New Delhi 110003

**Dated: August 27, 2021**

**Subject: Revised Model Technical Specifications of Tablet PCs**

**Reference: Model Technical Specifications of Tablet PCs issued vide F.No. No. W-43/4/2020-IPHW-MeitY dated 17.04.2021.**

An industry consultation was held on 16.07.2021 to revise the model technical specifications of Tablet PCs issued by Ministry of Electronics and Information Technology (MeitY) vide F.No. W-43/4/2020-IPHW-MeitY dated 17.04.2021. Based on the recommendations, the revised model technical specifications of Tablet PCs are as under:

<b>Parameter</b>	<b>Specification</b>
Processor	Quad-Core with frequency of 1.8 GHz or more
RAM	2 GB or higher
ROM	32 GB or higher
Rear Camera	5 MP or higher
Front Camera	2 MP or higher
Battery (mAh)	5000 mAh or more
Display (Size/Type/Resolution)	8.0" or more TFT (capacitive, multi-touch) 600 x 1024 (or higher)
Bluetooth Version	4.0 or higher

Parameter	Specification
Wi-Fi	802.11 a/b/g/n or higher
Network Support( Data & voice)	4G/LTE 3G/2G/VoLTE
SIM card slot	1 Micro SIM
Voice Calling Support	Yes
Micro USB 2.0 Slot	Yes
Audio In/Out	3.5 mm Headphone Jack
GPS	Yes
Operating System	Android 10.0 or equivalent
Certifications	BIS, EPR and RoHS and any other relevant Indian Certificates

All the other conditions of the Technical Specifications of Tablet PCs issued vide F.No. W-43/4/2020-IPHW-MeitY dated 17.04.2021 remain unchanged.

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**W-43/4/2020-IPHW**  
**Government of India**  
**Ministry of Electronics and Information Technology**  
**(IPHW Division)**

**Dated: 17.04.2021**

**Subject: Model Technical specifications of Desktop PCs, Laptop PCs and Tablet PCs**

Ministry of Electronics and Information Technology (MeitY) has notified mechanism for calculating local content for Desktop PCs and Laptop PCs vide Notification No. W-43/4/2019-IPHW-MeitY dated 07.09.2020, in furtherance of the Public Procurement (Preference to Make in India) Order 2017.

2. MeitY, in consultation with the Industry stakeholders has framed model technical specifications of Desktop PCs, Laptop PCs and Tablet PCs for procurement to be made by Ministries / Departments and their agencies / PSUs. The procuring entities may incorporate the specifications of Desktop PCs, Laptop PCs and Tablet PCs as per their requirement in the tender document from the model technical specifications given below:

**3. Model Technical Specifications:**

**3.1 Desktop PCs:**

Parameters	Model Specifications		
	Entry Level	Mid Level	High end
Processor	Core i3 10100/AMD R3 3200G	Core i5 10400/AMD R5 3400G	Core i7 10700/AMD R7 3700
RAM	4GB	8GB	(16GB) / (8GB x 2)
ROM Size	500 GB HDD	500 GB HDD	1 TB HDD, 256GB(SDD)
Chipset	Commercial chip sets		
DVD	DVD RW		
Display size (Monitor)	21.5" WTFT		
Display Type	LCD / LED		
Keyboard	Wired / Wireless		

Parameters	Model Specifications
Mouse	Wired / Wireless
Cabinet	MT
SMPS	180-250W
Speaker	1 speaker port
Ports	Minimum 6 USB, VGA/HDMI, LAN
OS	Windows/ Linux
Certification	BIS, BEE, EPR, RoHS or any other relevant Indian Certificates

### 3.2 Laptop PCs:

Parameters	Model Specifications			
	Entry Level		Mid Level	High End
Processor	Pentium 6405U/ Athlon 3050U	Gold AMD	Core i3 1005G1/ AMD Ryzen 3 3250U	Core i5 1035G1/ AMD Ryzen 5 3500U
RAM	Minimum 4GB DDR4, with 2 DIMM slots with upto 32GB memory expandability	4GB	Minimum 4GB DDR4, with 2 DIMM slots with upto 32GB memory expandability	Minimum 8GB DDR4, with 2 DIMM slots with upto 32GB memory expandability
ROM Size	1 TB HDD		1 TB HDD	1 TB HDD +256 GB SSD 500 GB HDD/ 512 GB SSD
Battery	Lithium ion Battery Capacity (WattHour) - Minimum 36 Battery Backup Time (Hours) - 8			
Chipsets	SoC			

Parameters	Model Specifications
Display size	14"
Display Type	LCD / LED
Resolution	1366x768 HD display
Bluetooth	Enabled 5.0 or higher
Wireless Device	Wireless 802.11 ac+ BT 5.0 or higher
Interfaces	RJ-45, Min. 2 USB3.0 Type A & 1 USB 3.0 Type C, Audio combo port, DC Adapter Jack, HDMI port
Audio	Built-in stereo speakers with high definition audio support. Built-in Microphone.
Security	Bios Password/ FTPM 2.0 etc.
Hardware interface	USB and HDMI
Ethernet controllers	Gigabit Ethernet
Keyboard & touch pad device	Keyboard with touch pad
Mouse	Optional
Camera for video conferencing	HD 720p Webcam
Certification	BIS, BEE, EPR, RoHS or any other relevant Indian Certificates

### 3.3 Tablet PCs:

Parameter	Specification
Processor	Quad-Core with frequency of 1.8 GHz or more
RAM	2 GB or higher

Parameter	Specification
ROM	32 GB or higher
Rear Camera	5 MP or higher
Front Camera	2 MP or higher
Battery (mAh)	5400mAh or more
Display (Size/Type/Resolution)	8.0" or more TFT (capacitive, multi-touch) 600 x 1024 (or higher)
Bluetooth Version.	4.0 or higher
Wi-Fi	802.11 a/b/g/n
Network Support( Data & voice)	4G/LTE 3G/2G/VoLTE
SIM card slot	1 Micro SIM
Voice Calling Support	Yes
Micro USB 2.0 Slot	Yes
Audio In/Out	3.5mm Headphone Jack
GPS	Yes
Operating System	Android 10.0 or equivalent
Certifications	BIS and BEE, EPR and RoHS and any other relevant Indian Certificates

4. Local content shall be calculated as per the MeitY Notification No. W-43/4/2019-IPHW-MeitY dated 07.09.2020, as amended from time to time.
5. The aforesaid model specifications shall be revised on a yearly basis, or earlier as deemed necessary, after due consultation with Industry / Industry Associations.

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**W-43/4/2020-IPHW**  
**Government of India**  
**Ministry of Electronics and Information Technology**  
**(IPHW Division)**

Electronics Niketan, 6,  
CGO Complex, Lodhi Road  
New Delhi-110003.

Dated: 12.05.2021

**OFFICE MEMORANDUM**

**Subject: Model Technical Specifications of Desktop PCs, Laptop PCs and Tablet PCs for procurement to be made by Ministries/ Departments and their agencies –reg.**

The Government has issued Public Procurement (Preference to Make in India) Order 2017 vide the Department for Promotion of Industry and Internal Trade (DPIIT) Order No.P-45021/2/2017-B.E.-II dated 15.06.2017 and subsequent revisions vide Order No. 45021/2/2017-PP(BE-II) dated 28.05.2018, 29.05.201, 04.06.2020 and 16.09.2020 to encourage 'Make in India' and to promote manufacturing and production of goods and services in India with a view to enhancing income and employment.

2. In furtherance of the aforesaid Order, Ministry of Electronics and Information Technology (MeitY) has notified mechanism for calculating local content for 13 Electronic Products, including Desktop PCs, Laptop PCs and Tablet PCs.

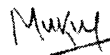
3. In order to consolidate demand and streamline the procurement process of aforesaid ICT products, MeitY, in consultation with the Industry stakeholders has framed Model Technical Specifications of Desktop PCs, Laptop PCs and Tablet PCs for procurement to be made by Ministries / Departments and their agencies / PSUs (**copy enclosed**). The procuring entities shall incorporate the specifications of Desktop PCs, Laptop PCs and Tablet PCs as per their requirement in the tender document from the Model Technical Specifications issued vide O.M. of even number dated 17.04.2021.

4. All Ministries/ Departments are therefore requested to issue suitable instructions to procurement entities, including PSU/ Statutory bodies/ Autonomous bodies under their administrative control, for procurement of Desktop PCs, Laptop PCs and Tablet PCs as per the Model Technical Specifications issued by MeitY for usual official requirements. In case of any specific requirements that require high compute or memory intensive infrastructure, the procurement agencies may specify different specifications from the model technical specifications as suggested by MeitY.

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5. Further, Government e-Market Place (GeM) is requested to upload the aforesaid Model Technical Specifications at GeM portal with suitable instructions.



(Mukul Kumar Yadav)

Scientist 'C'

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Tel: 011-2431777

*Encl.: As above.*

To

1. All Secretaries of Ministries/ Departments of Government of India
2. CEO, Government e-MarketPlace (GeM)
3. All Societies/ Autonomous Bodies/ Attached Offices/ Statutory bodies under administrative control of MeitY
4. General Administration, MeitY

**W-43/4/2020-IPHW**  
**Government of India**  
**Ministry of Electronics and Information Technology**  
**(IPHW Division)**

Electronics Niketan, 6,  
CGO Complex, Lodhi Road  
New Delhi-110003.

Dated:27.08.2021

**OFFICE MEMORANDUM**

**Subject: Revised Model Technical Specifications of Tablet PCs for procurement to be made by Ministries/ Departments and their agencies –reg.**

Please refer to Ministry of Electronics and Information Technology (MeitY) O.M. of even number dated 12.05.2021 (*copy attached*) vide which the Model Technical Specifications of Desktop PCs, Laptop PCs and Tablet PCs for procurement to be made by Ministries/ Departments and their agencies have been circulated.

2. MeitY, with industry consultation, has revised the model technical specifications of Tablet PCs for procurement to be made by Ministries / Departments and their agencies / PSUs (*copy enclosed*).

3. All Ministries/ Departments are therefore requested to issue suitable instructions to procurement entities, including PSU/ Statutory bodies/ Autonomous bodies under their administrative control, for procurement of Tablet PCs as per the revised Model Technical Specifications dated 27.08.2021 issued by MeitY for usual official requirements. In case of any specific requirements that require high compute or memory intensive infrastructure, the procurement agencies may specify different specifications from the model technical specifications as suggested by MeitY.

4. Further, Government e-Market Place (GeM) is requested to upload the aforesaid revised Model Technical Specifications at GeM portal with suitable instructions.

  
**(Mukul Kumar Yadav)**

Scientist 'C'

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*Encl. As above.*

**To,**

*As per list enclosed*

1. All Secretaries of Ministries/ Departments of Government of India
2. CIO, Government e-MarketPlace (GeM)
3. All Societies/ Autonomous Bodies/ Attached Offices/ Statutory bodies under administrative control of MeitY
4. General Administration, MeitY