

**F.No. PA/20/2018-CPMU (e-59411)**  
**Government of India**  
**Ministry of Women and Child Development (MWCD)**  
**POSHAN Abhiyaan**  
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Shastri Bhawan, New Delhi - 110001  
Dated 2<sup>nd</sup> February, 2021

To,  
The Secretaries / Principal Secretaries, Department of Women and Child Development/  
Social Welfare of all States/UTs

**Subject: Specifications of Smart phone and Power Bank under POSHAN Abhiyaan erstwhile National Nutrition Mission (NNM) and Technical compatibility testing of Smart phone - reg.**

Sir/Madam,

In supersession of letter dated 17.1.2018 and in continuation of this Ministry's letter dated 13.01.2021 (copy enclosed) on the above mentioned subject, I am directed to state that the States/ UTs may procure any Android 6 and above phone. These devices are required to be procured through Government e-Marketplace (GeM) as per GFR and vigilance guidelines.

2. States/UTs are also requested not to send any device for any compatibility test to the Ministry of Women and Child Development or to any private agency including either BMGF or Dimagi as ICDS-CAS is no longer operational. The Poshan Tracker has been developed by National E-Governance Division of Ministry of Electronics & Information Technology.

States/ UTs are requested to take necessary action in this regard. In case any technical assistance regarding Poshan Tracker is required, Ms. Shalini Bajaj and Mr. Anoop Kumar of NeGD may be contacted at [support-poshantrackr@gov.in](mailto:support-poshantrackr@gov.in) .

**Encl: as above.**

Yours faithfully,

  
02/02/2021  
**(Dr. Harmeet Singh)**  
Director  
Tel: 011 - 2338 5614

Copy to:

1. PPS to Secretary, MWCD
2. PPS to JS (ADR), MWCD

**F. No. NNM/59/2017-CPMU**  
**Government of India**  
**Ministry of Women & Child Development**

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Shastri Bhawan, New Delhi - 110001

Dated the 17<sup>th</sup> January, 2018

To

The Principal Secretaries/ Secretaries, Department of Social Welfare / Women & Child Development, All States/ UTs

**Subject: Specifications of Smart phone, Tablet and Power bank under National Nutrition Mission (NNM) – regarding**

Sir/Madam,

Please refer to this Ministry's letter No. NNM/7/2017-WBP dated 18th December, 2017 vide which administrative approval for setting-up of National Nutrition Mission (NNM) was conveyed to all the States and UTs.

2. One of the key activities under NNM is Information and Communication Technology enabled Real Time Monitoring (ICT-RTM) of Anganwadi Services. To monitor service delivery through ICT, Common Application Software (CAS) and IT-related assistance is to be provided to the field functionaries. All AWWs are to be equipped with a smart phone for capture of data and Lady Supervisors with a tablet. These devices will be procured at State/UT level and are to be pre-loaded with the application software (ICDS-CAS). The software and guidelines will be provided separately.

3. In this regard, I am directed to forward herewith the specifications of Smart phone, Tablet and Power bank. These devices have to be procured through Government e-Marketplace (GeM).

4. States/UTs are requested to take necessary action for procurement of Smart phones, Tablets and Power banks through GeM.

Yours faithfully,

**Encl: as above**



(Manoj Kumar Singh)

Director

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e-mail: mksingh.ofb@nic.in

## Minimum Technical Specifications for the devices

### A. Specifications of Smart Phone

Operating system: <ul style="list-style-type: none"><li>○ Android operating system version is 7.0 Nougat or above</li></ul>
Screen resolution: <ul style="list-style-type: none"><li>○ 800 X 480 or better</li><li>○ Multi-touch</li><li>○ TFT capacitive touchscreen, 24 bit/16.7 Million color or better</li></ul>
Screen size: <ul style="list-style-type: none"><li>○ 5" or more</li></ul>
Screen and mobile protection: <ul style="list-style-type: none"><li>○ Corning Gorilla or equivalent scratch proof glass with scratch proof covers / coating</li></ul>
Device RAM size: <ul style="list-style-type: none"><li>○ 2GB or higher</li></ul>
Processor: <ul style="list-style-type: none"><li>○ Minimum quad core processor of 1.3GHz or higher</li></ul>
Battery: <ul style="list-style-type: none"><li>○ Min 2800 mAh battery</li><li>○ Expected battery life that can last an entire work day</li><li>○ At least 5 days standby time</li><li>○ 16 hours talk time</li></ul>
Ruggedized <ul style="list-style-type: none"><li>○ Device should handle minor bumps without the screen breaking</li></ul>
Connectivity: <ul style="list-style-type: none"><li>○ Supports 2G, 3G, 4G, Wi-Fi and Wi-Fi direct connectivity</li><li>○ Supports Bluetooth</li><li>○ Micro USB connectivity</li><li>○ Availability of USB OTG functionality</li></ul>
Internal storage: <ul style="list-style-type: none"><li>○ 16GB or more</li></ul>
microSD: <ul style="list-style-type: none"><li>○ microSD memory slot</li><li>○ Provided 32GB SD card</li></ul>
Unicode: <ul style="list-style-type: none"><li>○ Supports Unicode for regional languages script rendering in fonts for English and all regional languages of India</li></ul>
SIM card: <ul style="list-style-type: none"><li>○ SIM card compatible</li></ul>
Image capture: <ul style="list-style-type: none"><li>○ Camera, at least 5 Megapixel resolution</li><li>○ Geotag supported camera</li></ul>

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<p>Location capture:</p> <ul style="list-style-type: none"> <li>○ Supports both Standalone GPS and AGPS</li> </ul>
<p>Speaker:</p> <ul style="list-style-type: none"> <li>○ Hands-free Speaker with adjustable loudspeaker volume (preferably 60 dB or above) with good quality (noise/crosstalk)</li> </ul>
<p>File formatted supported for recording:</p> <ul style="list-style-type: none"> <li>○ Image <ul style="list-style-type: none"> <li>○ JPEG</li> <li>○ PNG</li> </ul> </li> <li>○ Audio <ul style="list-style-type: none"> <li>○ mp3</li> </ul> </li> <li>○ Video <ul style="list-style-type: none"> <li>○ 3gp</li> </ul> </li> </ul>
<p>File formatted supported for playing:</p> <ul style="list-style-type: none"> <li>○ Image <ul style="list-style-type: none"> <li>○ JPEG</li> <li>○ PNG</li> </ul> </li> <li>○ Audio <ul style="list-style-type: none"> <li>○ mp3</li> <li>○ Should play audio with no quality issues</li> </ul> </li> <li>○ Video <ul style="list-style-type: none"> <li>○ 3gp</li> <li>○ Should be able to play HD videos</li> </ul> </li> </ul>
<p>Availability:</p> <ul style="list-style-type: none"> <li>○ Available State/UT wide</li> <li>○ Special check for availability in remote deployment</li> </ul>
<p>Accessories:</p> <ul style="list-style-type: none"> <li>○ Battery charger</li> <li>○ Headset</li> <li>○ Data cable</li> <li>○ Power bank</li> <li>○ Dust proof pouch</li> <li>○ Rugged mobile case to tackle minor bumps</li> <li>○ Screen protector that improves visibility of the screen in bright daylight</li> <li>○ Audio headset jack with headphones included (AV 3.5mm phone port)</li> </ul>
<p>Warranty:</p> <ul style="list-style-type: none"> <li>○ Device Warranty: 2 Year</li> <li>○ Battery Warranty: 2 Year</li> </ul>

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## B. Specifications of Tablet

<b>Operating system:</b> <ul style="list-style-type: none"><li>o Android operating system version is 7.0 Nougat or above</li></ul>
<b>Screen resolution:</b> <ul style="list-style-type: none"><li>o 600 x 1024 or better</li><li>o Multitouch</li><li>o TFT capacitive touchscreen, 24 bit/16.7 Million color or better</li></ul>
<b>Screen size:</b> <ul style="list-style-type: none"><li>o 7" or more</li></ul>
<b>Screen and mobile protection:</b> <ul style="list-style-type: none"><li>o Corning Gorilla or equivalent scratch proof glass with scratch proof covers / coating</li></ul>
<b>Device RAM size:</b> <ul style="list-style-type: none"><li>o 2GB or higher</li></ul>
<b>Processor:</b> <ul style="list-style-type: none"><li>o Minimum quad core processor of 1.3GHz or higher</li></ul>
<b>Battery:</b> <ul style="list-style-type: none"><li>o Min 3500 mAh battery</li><li>o Expected battery life that can last an entire work day</li><li>o At least 5 days standby time</li><li>o 10 hours video playback time</li></ul>
<b>Ruggedized</b> <ul style="list-style-type: none"><li>o Device should handle minor bumps without the screen breaking</li></ul>
<b>Connectivity:</b> <ul style="list-style-type: none"><li>o Supports 2G, 3G, 4G and Wi-Fi and Wi-Fi direct connectivity</li><li>o Supports Bluetooth</li><li>o Micro USB connectivity</li><li>o Availability of USB OTG functionality</li></ul>
<b>Internal storage:</b> <ul style="list-style-type: none"><li>o 16GB or more</li></ul>
<b>microSD:</b> <ul style="list-style-type: none"><li>o microSD memory slot</li><li>o Provided 32GB SD card</li></ul>
<b>Unicode:</b> <ul style="list-style-type: none"><li>o Supports Unicode for regional languages script rendering in fonts for English and all regional languages of India</li></ul>
<b>SIM card:</b> <ul style="list-style-type: none"><li>o SIM card compatible</li></ul>
<b>Image capture:</b> <ul style="list-style-type: none"><li>o Camera, at least 5 Megapixel resolution</li><li>o Geotag supported camera</li></ul>
<b>Location capture:</b> <ul style="list-style-type: none"><li>o Supports both Standalone GPS and AGPS</li></ul>
<b>Speaker:</b> <ul style="list-style-type: none"><li>o Hands-free Speaker with adjustable loudspeaker volume (preferably 60 dB or above) with good quality (noise/crosstalk)</li></ul>

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<p>File formatted supported for recording:</p> <ul style="list-style-type: none"><li>○ Image<ul style="list-style-type: none"><li>○ JPEG</li><li>○ PNG</li></ul></li><li>○ Audio<ul style="list-style-type: none"><li>○ mp3</li></ul></li><li>○ Video<ul style="list-style-type: none"><li>○ 3gp</li></ul></li></ul>
<p>File formatted supported for playing:</p> <ul style="list-style-type: none"><li>○ Image<ul style="list-style-type: none"><li>○ JPEG</li><li>○ PNG</li></ul></li><li>○ Audio<ul style="list-style-type: none"><li>○ mp3</li><li>○ Should play audio with no quality issues</li></ul></li><li>○ Video<ul style="list-style-type: none"><li>○ 3gp</li><li>○ Should be able to play HD videos</li></ul></li></ul>
<p>Availability:</p> <ul style="list-style-type: none"><li>○ Available State/UT wide</li><li>○ Special check for availability in remote deployment</li></ul>
<p>Accessories:</p> <ul style="list-style-type: none"><li>○ Battery charger</li><li>○ Headset</li><li>○ Data cable</li><li>○ Power bank</li><li>○ Dust proof pouch</li><li>○ Rugged mobile case to tackle minor bumps</li><li>○ Screen protector that improves visibility of the screen in bright daylight</li><li>○ Audio headset jack with headphones included (AV 3.5mm phone port)</li></ul>
<p>Warranty:</p> <ul style="list-style-type: none"><li>○ Device Warranty: 2 Year</li><li>○ Battery Warranty: 2 Year</li></ul>

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### C. Specifications of Power Bank

Description	Specification
Battery Capacity	At least 10,000 mAh
Battery Cell Type	Lithium-ion rechargeable battery UL Certified
Charging Time	Less than 6 hours on 5V/2A plug and standard cable
Power Supply	AC Adapter (AC 100 -240 V, 50 - 60 Hz)
Weight	Less than 300 gms
Expected charge cycles while maintaining at least 80% of its capacity	At least 500 times
Efficiency	At least 75%
Output Power	DC 5V 2.0A or higher
Ports	At least one charging port and one Micro USB port
Safety Features	<ul style="list-style-type: none"> <li>• Temperature Protection</li> <li>• Short circuit Protection</li> <li>• Reset Protection</li> <li>• Input over Voltage Protection</li> <li>• Output over Voltage Protection</li> <li>• Input reverse direction protection</li> <li>• Over charge/ over discharge protection</li> <li>• Cell PTC Protection</li> <li>• Adapter Protection</li> <li>• Protective Circuitry</li> </ul>
Charging Temperature	0°C – 45°C
Operating Temperature	-20°C~+60°C
Certification	BIS certified (IS 13252)
Compatible with	Proposed phone and tablet
Accessories	<ul style="list-style-type: none"> <li>• Standard charger and power cable</li> <li>• Standard Micro USB cable</li> </ul>

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F.No. : NNM/21/2018-ISSNIP (E-45748)  
Ministry of Women and Child Development  
Government of India  
Shastri Bhawan

New Delhi dated <sup>13<sup>th</sup></sup> January 2021

**Subject: New Poshan Tracker App**

One of the major activities under the POSHAN Abhiyaan is to leverage technology for monitoring and improved service delivery for beneficiaries including Pregnant Women, Lactating Mothers and Children (0-6 years). In this direction, a robust ICT enabled platform namely, 'Poshan Tracker' has been developed by the MoWCD to ensure real time monitoring of provisioning supplementary nutrition for improving nutritional status of beneficiaries and providing real time information for prompt supervisions and management of services.

2. All States/UTs are hereby requested to advise all AWWs to download the new Poshan Tracker App on their phones and ensure that the process is completed expeditiously. The App is downloadable on any Android 6 and above phone. State/UT must introduce transparent processes for procurement of phones as per GFR and vigilance guidelines and ensure that phones procured are within a ceiling of Rs 8000/-. States/UTs must use GeM platform for procurement of phones.

This issues with the approval of Competent Authority.

  
13/01/2021  
Dr Harmeet Singh  
(Director)

To  
Chief Secretaries of all States/UTs