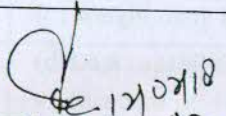

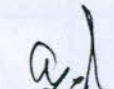


**LIST FOR REQUIRED ITEMS for Mobile Satellite Services System (Broadband Global Area Network Satellite Terminals)**

Se r No	Name of Items	A/U	Qty	Make and Model
(a)	(b)	(c)	(d)	(e)
1.	Mobile Satellite Services	Nos	09	
2.	Accessories:			
	(i) Ethernet Cable	Nos	09	
	(ii) Antenna Cable 3 mtr (Minimum)			
	(iii) AC/DC Adapter (with fast charging)			
	(iv) In-build Li-ion rechargeable Battery			
	(v) Battery Charger			
	(vi) User Guide & Technical Manual			
	(vii) SIM Card			
3.	Ruggedized Carrying Case for Mobile Satellite Services System (Broadband Global Area Network Terminal)	Nos	09	

  
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 35वीं वाहिनी पीएसी  
 लखनऊ।

**TECHNICAL SPECIFICATIONS**

**Mobile Satellite Services System (Broadband Global Area Network Satellite Terminals)**

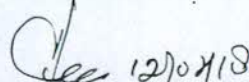
Sr. No	Description specification	HSN No	Make & Model	Compliance	In case of non-compliance, deviation to specified in unambiguous terms
1	SPECIFICATION				
	(a) Terminal Capacity <ul style="list-style-type: none"> <li>• Internet</li> <li>• E-mail</li> <li>• VoIP</li> <li>• FTP</li> <li>• SMS Text</li> <li>• Video Streaming</li> </ul>				
	(b) Dimensions <ul style="list-style-type: none"> <li>• Height: 200 mm (+/- 10%)</li> <li>• Width: 200 mm (+/- 10%)</li> <li>• Depth: 50 mm (+/- 10%)</li> </ul>				
	(c) Weight (incl. battery): less than 2 Kg.				
	(d) Data capabilities <ul style="list-style-type: none"> <li>• Standard IP: 400 to 500 kbps</li> <li>• Streaming IP: 32, 64, 128kbps</li> </ul>				
	(e) Voice Capabilities <ul style="list-style-type: none"> <li>• Standard Voice: 4 kbps (+/- 10%)</li> <li>• Premium Voice: 3.1 KHz audio, 64kbps</li> </ul>				


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*[Handwritten signature]*

*[Handwritten signature]*

	(f) Service- <ul style="list-style-type: none"> <li>Standard Broadband Global Area Network Terminal service by Grnd Control</li> <li>Broadband Global Area Network Terminal Rx/Tx Freq: L-Band</li> </ul>				
	(g) Service- Standard Broadband Global Area Network Terminal service by Grnd Control				
<b>2</b>	<b>ENVIRONEMNTAL CONDITIONS</b>				
	(a) Temperature <ul style="list-style-type: none"> <li>Operational (ambient): -10°C to +55°C</li> <li>Storage: -10°C to +80°C</li> </ul>				
	(b) Relative Humidity: 95% non-condensing at +40°C				
	(c) Robustness: 0.5m/1.64ft drop on concrete (operational, 95% survival)				
	(d) Water & Dust: IP-66 Compliant				
<b>3</b>	<b>INTERFACES</b>				
	(a) WLAN Access Point				
	(b) 1x USB host interface				
	(c) 1x Broadband Global Area Network Terminal SIM-Card slot				
<b>4</b>	<b>POWER</b>				
	(a) DC input range: 10.5-32VDC				
	(b) Built-in Battery <ul style="list-style-type: none"> <li>Stan-by time: Not less than 24hr</li> <li>Standard call: Minimum 3hr (TBC)</li> <li>Receive time: Not less than 4h @128kbps</li> <li>Transmit time: Not less than 2hr @128kbps</li> <li>Recharge Time: Not more than 3hr</li> </ul>				

  
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