

**Govt. of India**  
**Ministry of Commerce & Industry**  
**Department of Commerce**  
**Directorate General of Supplies & Disposals**  
**Jeevan Tara Building**  
**5, Sansad Marg New Delhi-110001**  
**Schedule To Tender Enquiry**  
**DGS&D Form-242**

Digitally signed by:  
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**Tender Enquiry No**      **AAKASH/IT-1/RC-711B0000/1214/81**

Time & Date of Receipt of Tender By 02:30 PM On 20-12-2013

Time & Date of Opening of Tender At 03:00 PM On 20-12-2013

Offer to remain valid for acceptance upto 20-03-2014

RC Period From : 01-01-2014 To 31-12-2014 (OR 12 months From the date of conclusion of RC)

Estimated Drawal (In Crores) Rs. 500

Cost of Bidding/e-Bidding Rs. 5000

(Rs 2000/- for estimated drawals upto Rs 10 Crores and Rs 5000/- for estimated drawals exceeding Rs 10 Crores for all bidders including SSI Units)

**The details of stores are as under : -**

Srno.	Description of Store	Rate/Unit
<hr/>		
<b>UNIT:NOS.</b>	<b><u>Aakash IV</u></b>	
	<b>Description</b>	
1	Aakash IV Tablet -with 3G	
2	Aakash IV Tablet -without 3G	

**Note : Detailed specifications as per Annexure'A' attached**

Cut Off Date For Performance : 15-11-2013

Special Note:-

1. Bidders are required to submit tenders online at URL <https://dgsndtenders.gov.in>. Necessary link for the same has been provided in the DGS&D website <http://www.dgsnd.gov.in>. No manual tenders shall be accepted against this tender enquiry.
2. Original of Demand Draft/postal orders/Tender Fee coupon, towards cost of purchase of tender documents, should be submitted in physical form so as to reach the office of issue of tender enquiry on or before of date of Tender opening.
3. To facilitate easy uploading, bidders are required to upload documents like Regn certificate, PAN No., BIS certificate, BEE certificate, C.O.P etc. in other Important Documents.
4. Questionnaire, if any, shall be uploaded in PDF format in Bid Cover Document under the category "Additional Document"
5. In case space provided in prescribed Excel Sheets for performance statement for "Cancelled Supply Orders" and "Details of Supply orders in support of Performance Statement" is not adequate, the same may be submitted in PDF format under "Additional Documents" in the "Bid Cover Content."
6. "Date and time of DGS&D server clock, as is also displayed on the dash board of the bidders, shall be taken as reference time for deciding the closing time of bid submission. Bidders are advised to ensure that they submit their bid within the due date and time of bid submission taking server clock as reference. No request on the account that the server clock

was not showing the correct time and that a particular bidder could not submit their bid because of this shall be entertained".

**For & on behalf of the purchaser  
named in the schedule**

**Schedule 1     Aakash IV**

## Technical Specification of Aakash Tablet-IV

## 1. Aakash IV

Sl No

## 1 Minimum Hardware Requirements

1.1 Processor Performance Specification should be as per Appendix-A with the latest benchmark apks (with the desired minimum/maximum scores)

1.2 Hardware accelerator for playing true HD720p with at least 30fps

1.3 Hardware accelerator should be capable of supporting OpenGL ES 2.0. Hardware

accelerator performance should be as per specification given in Appendix-A with the latest benchmark apks (with the desired minimum/maximum scores)

1.4 Memory (RAM):1 GB DDR3 SDRAM 1066 MT/S or better

1.5 Storage (Internal):4 GB or more integrated flash

1.6 Storage (External): Micro SD Card 2.0 (SD High Capacity) Interface (up to 32GB supported). SD Card interface should be compatible with NFC based SD card.

1.7 Peripherals: One non-powered USB OTG Micro-AB Receptacle (USB 2.0 Compliant) and

one powered USB Type A Standard Receptacle (USB 2.0 Compliant). USB OTG Micro-AB Receptacle can be used to connect external powered USB host or external non-powered devices through external powered USB Hub. USB Type A Standard Receptacle will be used to connect external non-powered USB device. USB ports should be reliable and of high quality. USB port manufacturer's name and its quality certification should be provided.

1.7.1 USB Type A Standard Receptacle based port will be able to source maximum of 500mA current to attached devices

1.7.2 Support for the following external devices

1. USB Storage Device

2. Keyboard

3. Mouse

4. USB Hub

5. All popular 2G/3G/4G Phone / Data Connectivity Dongles in India

6. USB to Ethernet adaptors

7. USB Printers

1.8 USB and SD card should be detected and be able to work simultaneously. Should support file browsing facility

1.9 USB should be able to support USB mouse and USB keyboard simultaneously through external USB Hub

1.10 Combined Audio-in and Audio-out: 3.5 mm jack (Order: Tip, Ring, Microphone, Ground) for connecting stereo headphones and integrated speaker(s) as well as for external microphone and integrated microphone. Speaker section capable of generating at least sound of 85 dB +/- 3dB in the frequency range of 20 Hz and 20000 Hz. Microphone section capable of receiving minimum sound of -45 dB +/-4dB in the frequency range of 300 Hz to 3400 Hz

1.11 Display and Resolution: 7" LCD display with at least 800x480 resolutions with 16 bit or

higher colour depth. LCD brightness should be a minimum of 290 cd/m<sup>2</sup>, and its contrast ratio should be a minimum of 500.

1.12 Input Devices: 7" multi-point projective capacitive touch with a minimum capability of

five simultaneous touches

1.13 Connectivity and Networking

1.13.1 WiFi IEEE 802.11 b/g/n

1. Portable Wi-Fi Hotspot functionality

2. Maximum transmit power >= 15 dBm

3. Minimum receive sensitivity <= -83 dBm

4. Maximum TCP data rate  $\geq 25$  Mbps (for both upload and download)
5. Performance base line: Sustaining throughput  $\geq 1$  Mbps for 2 hours of line of sight distance between tablet and Access Point being 30 m
6. Certification is to be obtained from WiFi Alliance

#### 1.13.2 Bluetooth (Version 2.1 Class 2 or better) IEEE 802.15.1

1. Certification is to be obtained as per Bluetooth SIG
2. All Bluetooth Profiles supported by the Android should be enabled

#### 1.14 Power and Battery

##### 1.14.1 Battery

1. Battery Capacity: Minimum 3 Hrs for online 720p video playback (LCD with a brightness of 290 cd/m<sup>2</sup>, Audio speaker at a volume of 85 dB, WiFi ON with a receive signal strength between -65 dBm and -70 dBm), Minimum 4 Hrs for offline video playback (LCD with a brightness of 250 cd/m<sup>2</sup>, Audio speaker at a volume of 60 dB, WiFi OFF), Minimum 5 Hrs on web browsing (LCD with a brightness of 250 cd/m<sup>2</sup>, Audio speaker at a volume of 60 dB, WiFi ON with a receive signal strength between -65 dBm and -70 dBm), 6 Hrs on e-reader (LCD with a brightness of 250 cd/m<sup>2</sup>, Audio speaker at a volume of 60 dB, WiFi OFF)
2. Battery Charging: Should be able to charge from AC from 10% to 80% of battery capacity within 2 hours from external power adapter when the tablet is switched OFF, support charging from USB port, support charging from DC power port with receptacle compliant to EIA-J-02 (standardizing on power connector). Two colour LED indication for charging and full charge.

#### 3. Battery Life:

- a. At 25 degree centigrade, battery should have a life of 600 cycles or 2 years (whichever is earlier) with a minimum left over battery capacity of 50%.
- b. Capacity to be  $\geq 80\%$  at the end of 300 charge cycles, Capacity to be  $\geq 50\%$  at the end of 600 cycles (One cycle consists of standard charging, resting for half an hour, discharging with LCD with a brightness of 290 cd/m<sup>2</sup>, Audio speaker at a volume of 85 dB, WiFi ON with a receive signal strength between -65 dBm and -70 dBm until the tablet is turned OFF).

4. Self discharge: Battery charge should be  $\geq 90\%$  even after 30 days (when the tablet is turned OFF)
5. Safety: Should comply with IEC 62133 : 2002
6. Battery Warranty: 1 year
7. Battery Datasheet: Manufacturer of the Aakash tablet is to provide battery data sheet provided by manufacturer of battery.
8. Short circuit and over charge protection capability.

##### 1.14.2 Battery Charger

1. AC input plug: 2-pin Plug (Compliant to Indian Standard)
2. Input voltage range: 100-270V AC
3. AC frequency: 50/60 Hz
4. Cable length:  $\geq 1$  m
5. DC output plug: Compliant to EIA J-02
6. Nominal DC output voltage: 5 V
7. Safety and compliance: IS13252, EN 301 489-34

#### 1.15 3-Axis Accelerometer

- 1.15.1 Number of axis: 3
- 1.15.2 Orientation change response time for home screen:  $\leq 3$  seconds
- 1.15.3 Orientation change response time for browser:  $\leq 3$  seconds
- 1.15.4 Range (m/s<sup>2</sup>) :  $\geq 19.6$  (Using Z-device or android sensor tool box application.

Equivalent to  $\pm 2g$ )

- 1.16 Driver for Phone Functionality with external dongle
- 1.17 Data functionality with external 2G or 3G or 4G dongle
- 1.18 Video/Photo Camera (front facing) with a resolution of 0.3 M Pixel (VGA) or higher
- 1.19 Warranty against manufacturing defect of all parts (except battery) for two years.

Breakage, wear and tear, water/liquid spill damages are excluded from the warranty.

- 1.20 Protective LCD screen guard
- 1.21 Hardware reset (through pin-hole) to reboot the tablet
- 1.22 Buttons: Power, Volume up and down.
  - 1.22.1 Short press of power button for Sleep Mode, long press of power button for shut down options
  - 1.22.2 Advanced Android recovery option possible through key combination

(Volume up and down for navigation and power button for selection).

1. Reboot system now.
2. Wipe data / Factory reset.
3. Apply Android OS update from external SD Card.
4. Backup user data.
5. Restore user data.

## 2 Minimum Software Requirements

Sections 2.1 through 2.6 apply only for Android. Section 2.7 applies only for GNU/Linux.

### 2.1 Operating System, System Software.

2.1.1 An open source operating system complying with an Open License approved by the Open Source Initiative (OSI)

1. Default installed OS should be latest Android stable version (At the time of drafting this specification, it is Android 4.2.1 (Jelly Bean))
2. Dual bootable (through external SD Card) GNU/Linux distribution (Latest Ubuntu). Refer section 2.7 for additional OS (Linux) specification.

2.1.2 Open source generic device drivers (for both in-built hardware including Modules/ICs, touchscreen, and external peripherals mentioned in Sec. 1.7.2) for Android should be made available. The device drivers need to be enabled at kernel level.

2.1.3 File Manager / File Browser with capabilities to archive and extract files and folders

#### 2.1.4 Open GL ES 2.0 Support

#### 2.1.5 Maximum cold boot time of 35 seconds

2.1.6 Maximum switching time of 5 seconds between the applications Antutu (Version 3.0.3) and Nenamark (Version 2.4) as per the provided script.

2.1.7 Maximum image (PNG, 720p with 3M minimum file size) rendering time of 2 seconds on clicking the file in the file manager

2.1.8 Maximum video (H.264, 720p with 100 M minimum file size) rendering time of 5 seconds on clicking the file in the file manager

#### 2.1.9 Android DRM support should be enabled.

2.1.10 All `User` as well as `System` applications should have writable permission to an external storage (external SD card).

### 2.2 Document Support

2.2.1 Rendering and editing of document formats: DOC, DOCX, PPT, PPTX, XLS, XLSX, ODT, ODP, ODS

#### 2.2.2 PDF viewer

#### 2.2.3 Text-editor and basic note taking application

#### 2.2.4 E-book reader should support formats such as .epub and .pdf

#### 2.2.5 Most commonly used Indian Languages/Scripts read/edit capabilities

1. Read and edit capabilities of Indian Languages Hindi, Kannada, Telugu, Malayalam, Tamil, Marathi, Gujarati, Punjabi, Bengali, Oriya, Bihari, Assamese, Bishnupriya ,Manipuri, Urdu, Sanskrit, Devanagari scripts and languages, and new scripts and Indic languages at OS level in the latest OS and right in the rendering engine

2. Virtual keyboard (such as MultiLing) should be pre-installed for above languages and scripts at OS level or at Application level

3. Should have Unicode support at OS level

4. Default language/script should be set to English by Manufacturer. If necessary, user can set to different default language/script from the Settings panel.

2.2.6 20 KB (all text) word document(2007) to be opened in 5 seconds from the file manager

### 2.3 Multimedia and Image Display

#### 2.3.1 Image-viewer supporting PNG, JPG, BMP, TIFF and GIF display

#### 2.3.2 Media software with the following playing and recording capabilities

1. Audio Formats: MP3, AAC, WAV

2. Video Formats: MPEG-2, MPEG-4, AVI, 3GP

3. Should be able to play at-least 720p. Should be able to play at a minimum speed of 30 fps

### 2.4 Communication and Internet

2.4.1 Web-browser (HTML 5(with audio and video tags support), xHTML 5 compliant, JavaScript 1.8 compliant)

1. Flash 9 or later support (through plugin)

2. Java support for GNU/Linux OS.

#### 2.4.2 Audio/Video/Text Chat Conferencing (minimum three way) applications

2.4.3 Separate application for online video (capable of playing at least YouTube video)

2.4.4 E-mail client with POP, IMAP, SMTP

2.4.5 Calendar

2.4.6 Default time zone (set to IST) and default language (set to English) pre-configured at the factory

2.5 Other utilities

2.5.1 Scientific Calculator is to be pre-installed

2.5.2 File compression & decompression utility as part of the file manager and standalone

2.5.3 SD Card interface should support NFC based SD card.

2.5.4 Google Play and accessibility tool (similar to talkback) should be pre-installed.

2.6 Developer Support

2.6.1 All developer options supported by the Android OS to be made available

2.6.2 ADB via USB and Wifi to be supported. ADB developer options need to be enabled.

2.6.3 Device drivers for connecting the Tablet to a PC in developer mode (USB debugging) to be provided for the following OS : Windows XP/Vista/7/8

2.6.4 Desired applications (including talkback) should be certified with Aakash

Market Place and drivers need to be preloaded by the manufacturer. ADB developer option needs to be enabled. Any application that is capable of opening and editing docs (doc, docx, ppt, pptx, xls, xlsx, odt, ods, odp) need to be pre-installed.

2.6.5 Factory reset through software settings

2.7 Additional OS: Ubuntu Linux Specification [Dual bootable (through external SD Card) GNU/Linux distribution]

2.7.1 Latest stable Linux kernel with all supporting drivers for tablet hardware (including touchscreen). Vendor to provide the distribution with complete source that works with the tablet.

2.7.2 Kernel should include drivers for generic printers, USB pen drive, USB mouse, USB keyboard, USB hub, USB to serial, USB-CDC network drivers, 3G- Modems, webcams

2.7.3 The device drivers need to be enabled at kernel level.

2.7.4 A tablet specific touch optimised linux distribution (e.g. Plasma Active)

2.7.5 Linux distribution should support full hardware acceleration with OpenGL and Direct rendering (DRI2)

2.7.6 Battery status indicator with functional sleep mode (power saving mode, screen turns off)

2.7.7 Web browser with Java support (through plugin)

3. Mechanical and Environmental Specification

3.1 Weight should be less than 500g

3.2 Width, height and thickness should be less than 7.5 $\pm$ , 5 $\pm$  and 0.75 $\pm$  respectively.

3.3 Ambient operating temperature: 0 to 50 degree Celsius

3.4 Storage temperature: -10 to 65 degree Celsius

3.5 Operating humidity: 0% to 90% (Non-water vapour condensing)

3.6 Maximum tablet temperature during non-charging operation should be  $\leq$  45 degree Celsius at a room temperature of 25 degree Celsius

3.7 LCD touch screen withstanding a pressure of 100 gm/cm<sup>2</sup>

3.8 Scratch resistant screen for pencil/pen marks: No scratches for 0.25mm<sup>2</sup> tip exerting at 50gm/cm<sup>2</sup> and moving at a speed of 1 m/s

3.9 Bending of device: Minimum of 0.25mm/100mm

3.10 Impact resistance of 0.5G for casing and 0.25G for display. Corner impact resistance of 1G.

3.11 Protection degree: IP50 standard

4. Safety and other standards compliance

4.1 CE certification

4.2 Material: RoHS, WEEE

4.3 Safety: IS 13252 / IEC60950-1, IEC62115

4.4 EMC: IEC 61000, CISPR22/CISPR24

4.5 Environmental & Durability: IS9000 applicable for tablet pc

4.6 Radio: EN301489-1, EN-301489-17, EN 300328, SAR

4.7 ISI certification

- 4.8 BIS Certification
- 4.9 IP50
- 5. Maintenance and Serviceability
  - 5.1 Build the following as replaceable modules for easy serviceability at qualified service centres
    - 5.1.1 Battery
    - 5.1.2 Touch-screen and LCD module
    - 5.1.3 Front Camera
    - 5.1.4 Speaker
    - 5.1.5 Motherboard
    - 5.1.6 Casing and Plastic parts for buttons
    - 5.1.7 Charger (with 2-pin Indian plug) with the cable containing standard tablet connector
    - 5.1.8 Entire Tablet Casing
  - 5.2 Should support OTA firmware updates and upgrades through Aakash Market Place
- 6 Other Features
  - 6.1 Ability to build on Assistive Technologies ; Talkback (android accessibility tool) must be pre-installed
  - 6.2 All spare parts should be available for repair, service, and maintenance for a minimum of 3 years.
  - 6.3 Aakash Marketplace Support with necessary security
  - 6.4 User manual of the hardware, operating system, pre-loaded device drivers and pre-installed applications should be provided by the manufacturer.
- 7 Tablet Package Contents
  - 7.1 Tablet
  - 7.2 External Charger/C Adapter for charging battery certified by BIS
  - 7.3 USB adapter cable with Micro-B plug and Standard-A plug (minimum 1 m)
  - 7.4 User Manual (Electronic form)
  - 7.5 Application Manual (Electronic form)
  - 7.6 Quick setup manual in print form

## 8 Testing

The tablets shall be subjected to acceptance test criteria, random sampling based test criteria and performance test based criteria.

## Appendix A Performance Specification

### Android Benchmark Test Scores Specification

Test Category  
Test  
Applications  
Sub-tests

Benchmark Test	Version	Serial No.	Min/Max Score	Better Criteria	Remarks
CPU					
Quadrant Standard	2.1.1	A1.1			
Overall		A1.1.1	1469	Higher	
CPU		A1.1.2	1469	Higher	
Antutu	3.0.3	A1.2			
Overall		A1.2.1	3537	Higher	
ALU-integer		A1.2.2	689	Higher	
Floating point		A1.2.3	163	Higher	
AndEBench	1605	A1.3			
AndEMark Native		A1.3.1	1565	Higher	
AndEMark Java		A1.3.2	63	Higher	
PassMark					

Performance	1.0.3000	A1.4		
Sytem		A1.4.1	971	Higher
CPU Tests		A1.4.2	1299	Higher
RealPi	1.0.6	A1.5		
pi value calculation in				
Seconds (10000 digits after		A1.5.1	0.91	Lower
decimal)				
Calculation of last				
n digits in Seconds using gourdon's formula (here n=9)		A1.5.2	8.436	Lower
CF BENCH	1.2	A1.6.1		
Overall		A1.6.2	2404	Higher
Mhz		A1.6.3	1008	Higher
Native MIPS		A1.6.4	335	Higher
Java MIPS		A1.6.5	76	Higher
Native MSFLOPS		A1.6.6	122	Higher
Java MSFLOPS		A1.6.7	42	Higher
Native MDFLOPS		A1.6.8	122	Higher
Java MDFLOPS		A1.6.9	34	Higher
Native MALLOCS		A1.6.10	19688	Higher
Java efficiency MIPS in %		A1.6.11	23	Higher
Java efficiencyMSFLOPS in %		A1.6.12	34	Higher
Java efficiencyMDFLOPS in %		A1.6.13	30	Higher

Android Benchmark Test Scores Specification

Test Category  
Test  
Applications  
Sub-tests

Benchmark Test	Version	Serial No.	Min/Max Score	Better Criteria	Remarks
Memory					
Quadrant					
Standard	2.1.1				
Memory			3679	Higher	
Antutu	3.0.3				
RAM			542	Higher	
PassMark					
Performance	1.0.3000				
Disk Tests			1580	Higher	
Memory Tests			1045	Higher	
CF BENCH	1.2				
Native memory read			818	Higher	
Java memory read			131	Higher	
Native memory write			850	Higher	
Java memory write			434	Higher	
Native disc read		240		Higher	
Native disc write		306		Higher	
Java efficiency memory read in %		21		Higher	
Java efficiency memory write in %		97		Higher	

Android Benchmark Test Scores Specification

Test Category  
Test  
Applications  
Sub-tests

Benchmark Test	Version	Serial No.	Min/Max Score	Better Criteria	Remarks
Database with SQL					
AndroBench	3.4				

IOPS stands for Input/Output Operations per Second and TPS stands for Transactions Per Second

Sequential Read in MB/s	15.73	Higher
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Sequential Write in MB/s		18.8	Higher
Random Read	9.9		Higher
Random Write	0.45		Higher
SQLite Insert(TPS)	214.59		Higher
SQLite Update(TPS)	151.13		Higher
SQLite Delete(TPS)	223.88		Higher
Antutu	3.0.2		
Database	260		Higher

RL Benchmark SQL	1.3		
1000 INSERT in (s)	0.76	Lower	
25000 INSERTs in a Transaction in (s)		2.892	Lower
25000 INSERTs into an indexed table in a Transaction in (s)		2.84	Lower
100SELECTs without index	0.1	Lower	
100 SELECTs on a string comparison in (s)	0.07		Lower
Creating an index in(s)		0.86	Lower
5000 SELECTs with an index in (s)	2.6		Lower
1000 UPDATES without an index in (s)	6.08		Lower
25000 UPDATES with an index in (s)	6.64		Lower
INSERTs from a SELECT in (s)		1.7	Lower
DELETE without an index in (s)	2.12		Lower
DELETE with an index in (s)	2.33		Lower
DROP TABLE in (s)	0.39		Lower
Overall in Seconds	29.9		Lower

#### Android Benchmark Test Scores Specification

Test Category  
Test  
Applications  
Sub-tests

Benchmark Test	Version	Serial No.	Min/Max Score	Better Criteria	Remarks
Video Performance					
Antutu	3.0.3				
2D graphics		400		Higher	
3D graphics		1400		Higher	
BaseMark GUI	1.0				
Basemark GUI score with native resolution		37.345894		Higher	
Basemark GUI score with 720p (offscreen)		23.159739		Higher	
NenaMark 2 in fps	2.4	30.7		Higher	
PassMark					
Performance	1.0.3000				
2D Graphics					
Tests		1308		Higher	
3D Graphics Tests		593		Higher	
Phone Tester 1.82					
DPI X		160		Higher	
DPI Y		164.42		Higher	
Dimensions		800X480		Higher	

#### Android Benchmark Test Scores Specification

Test Category  
Test Applications  
Sub-tests

Benchmark Test	Version	Serial No.	Min/Max Score	Better Criteria	Remarks
Web Browsing Performance					
Octane 1.0					
Richards		1181		Higher	
Deltablue		709		Higher	
Crypto		1122		Higher	
Raytrace		714		Higher	

EarleyBoyer	1355	Higher
Regexp	223	Higher
Splay	407	Higher
NavierStokes	437	Higher
pdf.js	580	Higher
Mandreel	357	Higher
GB Emulator	1056	Higher
CodeLoad	658	Higher
Box2DWeb	317	Higher
Octane Score	620	Higher
BrowserMark 2.0	590	Higher
Conformity CSS3 2.0 in %	44	Higher
Conformity HTML5 2.0 in %	47	Higher
SunSpider 0.9.1		
3D in ms	347.9	Lower
Access in ms	247.6	Lower
Bitops in ms	185.1	Lower
Control Flow in ms	19.8	Lower
Crypto in ms	202.2	Lower
Date in ms	530.7	Lower
Math in ms	243.5	Lower
Regexp in ms	132.9	Lower
String in ms	1098.7	Lower
Total in ms	3008.4	Lower

#### Android Benchmark Test Scores Specification

Test Category  
Test  
Applications  
Sub-tests

Benchmark Test	Version	Serial No.	Min/Max Score	Better Criteria	Remarks
Battery					
Battery Test					
Wi-Fi OFF (Mins)		592		Higher	
Wi-Fi ON Not Connected to an AP (Mins)		501		Higher	
Wi-Fi ON Connected to an AP (Mins)		497		Higher	
Wi-Fi ON 20 MB download (Mins)		454		Higher	
Wi-Fi On 80MB download (Mins)		420		Higher	
Without Interference 80MB Download (Mins)		454		Higher	
% of battery discharge from 100% in a stronger signal (-30 dB to -40 dB) strength (carried out for 60 min) with 80MB download		15		Lower	
% of battery discharge from 100% in a weaker signal (-70dB to -85dB) strength (carried out for 60 min) with 80MB download		22		Lower	
AnTuTu Tester	1.3.5				
Battery Test		567		Higher	



**Diagram/Proforma/Annexures Attached[Click on follwing to view/print]**

**General Technical requirement For TE :**

- 1.Only vendors authorised by C-DAC ,Pune to use Aakash-IV Logo shall be eligible to quote against this T/E.
- 2.The bids will be restricted to only to the bidders who are PMA compliant as per extant rules/notifications.
- 3.Prospective bidders shall get themselves empanelled with CDAC for use of Aakash logo .Detailed procedure for empanelment is available with CDAC - TRIVANDRUM/NOIDA/PUNE .
- 4.The bidder shall be a legal entity registered in India and be the original equipment manufacturer of Aakash IV Tablet hardware as per definition of domestic manufacturers of Tablet in terms of Deity Notification No.8(41)2012-IPHW dated 22-01-2013
- 5.The successful bidder shall undertake to preload content provided by buying organisations on the Tablet,as decided from time to time.
- 6.The vendor shall provide repair,service and maintenance support for Aakash Tablets in atleast one location in all states and UTs of the country either through themselves or through tie-ups with a third party(NE states,UTs including Sikkim may be treated as one unit for this purpose).Spares shall be made available for atleast three years from the date of sale.
- 7.User acceptance testing shall be undertaken by the indenting departments as per the testing criteria to be prescribed by C-DAC.Atleast all parameters are to be checked on 10% of samples or as specified by C-DAC.
- 8.Only firms registered with DGS&D will be eligible to quote against the T/E .For registration with DGS&D only availability of manufacturing premises ,availability of benchmark testing facilities and availability of CDAC empanelment of the manufacturer to use AAKASH logo shall be insisted .Prospective bidders are advised to submit their application for registration even before they get CDAC empanelled so that necessary formalities for registration may be completed by DGS&D and as soon as CDAC empanelment letter is received ,DGS&D registration is granted.
- 9.The Indentor ,Purchaser and Consignee shall ensure that the quality of stores being supplied is as per R/C specification and supplier is in possession of all the relevant documents including satisfactory compliance test certificates as per CDAC specification.

## **GENERAL TERMS & CONDITIONS**

This Rate Contract and Supply Orders placed against the rate Contract are governed by the "General Terms & Conditions" as contained in the following forms:

- (i) Form no. DGS&D - 68 (Revised) "General Conditions of Contract"
- (ii) Form no. DGS&D - 69 "Conditions of Contract governing Rate Contracts"
- (iii) Form no. DGS&D - 229 "Instruction to tenderers quoting against Tender Enquiries issued by the DGS&D"
- (iv) Form no. DGS&D - 1001 "General terms & conditions governing the Rate Contract and Instructions to Direct Demanding Officers and Consignees."

The above forms are saleable documents. These can also be down loaded from DGS&D website [www.dgsnd.gov.in](http://www.dgsnd.gov.in)

### **1. TENDER DOCUMENT:**

The complete tender document consists of :

- (a) DGS&D-242 i.e.(Schedule to tender enquiry) alongwith annexures
- (b) DGS&D-68A, and DGS&D-69A
- (c) List No. 1 and List No. 9

The tenderers are required to submit all the above documents completely filled & digitally signed failing which their offer is liable to be ignored.

### **2. PURCHASER:**

- (a) President of India
- (b) Governor(s) of State(s)
- (c) Heads of Union Territories
- (d) Officers of Public Sector Undertakings/Bodies & Corporations

### **3. GUARANTEE/WARRANTY CLAUSE:**

The Period of Guarantee / Warranty shall be one year from the date of acceptance of the stores. with the following additional provision:-

Once the user Department/Consignee states/writes that the goods supplied are defective/not functioning properly, it must be obligatory on the part of the supplier to immediately, not later than 7 days, attend to it by way of rectification/repair or replacement of the goods, without any questioning or pretexts on any ground. There shall be no scope of questioning the user department/consignee or resorting to any kind of verification or joint inspection in this regard, pursuant to DGS&D Manual Correction Slip No.37 dated 18.12.2012.

### **4. DUTIES & TAXES:**

#### **(i) EXCISE DUTY**

The tenderers must clearly indicate the rate/quantum of Excise duty applicable and payable by them irrespective of the fact whether the quoted prices are inclusive or exclusive of Excise Duty. They should also indicate their Excise Duty Registration. In the case of Small Scale Industrial Units, they should indicate the rates of Excise Duty in various turnover slabs.

If a tenderer states that the Excise Duty is NIL, he must intimate the basis for the same and also confirm that no Excise Duty will be charged by him under any circumstances.

If a tenderer states that the Excise Duty is not applicable at present but will be charged extra if it becomes applicable later on, their offer will be loaded by the normal rate of Excise Duty for the equitable comparison of prices. If however, the tenderer confirms that they shall not charge any Excise Duty even if it becomes payable at a later date for whatever reasons, no loading of Excise Duty in such a case will be done.

In case no information about excise duty is given, it will be taken as inclusive in terms of provisions of Para-10.3.4 & Para- 10.7.1 of DGS&D Manual.

The tenderers should furnish the details of their turn over and the Excise Duty paid by them in the last three financial years in the following formats:

Financial Year	Total Turnover	Total Excise Duty paid	Excise Duty paid on subjects stores
-----			
<b>Last</b>			
-----			
<b>One year before</b>			
-----			
<b>Two years before</b>			

(ii) **SALES TAX**

Tenderer should indicate whether the prices quoted are exclusive or inclusive of sales tax. They should indicate the rate(s) of CST/VAT. In case, they are exempted from payment of sales tax, a copy of the Exemption Certificate issued by the appropriate authority may be furnished.

(iii) **OCTROI DUTY AND LOCAL TAXES**

Normally the stores supplied to Government Departments against Government Contracts are exempted from levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies against production of Exemption Certificate from authorised officers. Whenever required, the Contractors should approach the purchaser/Indenter/Consignee for the same in time along with despatch details to avoid payment of such local taxes or duties.

**5. PERFORMANCE CRITERIA/CUT-OFF DATE:**

(a) The tenderers who are current/past Rate Contract holders shall submit self- vetted performance statements for the last three rate contracts as on cut off date as specified in the schedule to tender in Form B-1, B-2 and B-3.

(b) Firms shall also submit complete details of the performance statement covered by Form B-1 in the Appendix-A attached below for the last three rate contracts along-with their tender.

"The details as per Para (a) and (b) should be submitted for the Supply Orders on-line placed against the Rate Contract and also the Referral/Orders placed against the Rate Contract along-with the tender and both the performance reports shall be clubbed together for determining the performance. To begin with, this will be applicable for the current Rate Contract.

In case the above details are not submitted along with the tender, the Rate Contract may be awarded 3 months after the award of parallel Rate Contracts provided the firm meets the prescribed performance criteria. However, DG(S&D) shall have full powers to relax the performance criteria on merits with or without any Performance Security." Further, in case the details provided by the firm as per Para (a) and (b) above are found to be wrong at a later stage, a penalty of debarring the firm for three years shall be imposed.

(c) The offer of the tenderers who are current/past rate contract holders, will be considered only if they meet the following minimum level of performance as on cut off date, if otherwise eligible.

% Performance level for current Rate Contract (Year NA - ) =  
(Self-vetted)  
% Performance level for previous Rate Contract (Year NA - ) =  
(Self vetted)  
% Performance level for the year before (Year NA - ) =  
(Self vetted)

Certain queries have been received by DGS&D regarding the information to be furnished by the tenderers in the performance statements. The details of the queries received and DGS&D's comment thereon are attached below as Annexure-B.

**The purchaser, however, does reserve the right to consider also those firms who have executed supplies to a lower extent.**

(d) The provisions of the above clause shall not apply for the new items. In case the 5 of 28

performance levels have been shown as 0(zero) such items may be treated as new items.

#### **6. PAYING AUTHORITY:**

Chief Controller of Accounts, Department of Supply, New Delhi or its Regional Accounts Offices in Mumbai/Kolkata/Chennai, as applicable.

In addition to payment to be made by the CCA, New Delhi or its regional offices, the payments may be made directly by user Departmental/DDOs/Consignees to respective supplier(s) upon satisfactory delivery of goods against DGS&D Rate Contracts/ad hoc contract.

#### **7. PAYMENT TERMS:**

Pursuant to the Correction Slip No. 42 dated 31.5.2013 and Correction Slip No. 45 dated 5.7.2013 to the DGS&D Manual, the revised payment terms against DGS&D Contracts/Rate Contracts for all items will be as under :-

##### **(a) Green Channel Firms**

90% against provisional receipt of stores by consignee, after delivery of stores by Green Channel firms on self certification with OEM warranty/Guarantee certificate and balance 10% on acceptance of stores by consignee within 60 days of receipt of stores.

##### **(b) For Jute/HDPE/PP Bags Firms**

90% + 10% payment to jute/HDPE/PP bags firms with 90% against proof of inspection & dispatch and balance 10% on acceptance of stores by consignee within 60 days of receipt of stores.

Note:

(1) In cases of dispatches by road, the provisional receipt certificate by consignee shall also be required for initial 90% payment.

(2) In case of HDPE/PP bags, proof of inspection would be the I-Note to be issued after receipt of satisfactory test reports from laboratories and not the Dispatch Advices which are issued for permitting the delivery of stores to the consignee after pre-dispatch inspection at firm's premises and not for payment.

##### **(c) Others Firms**

80% against inspection of stores (wherever applicable) and provisional receipt of stores by consignee, and balance 20% on acceptance of stores by consignee within 60 days of receipt of stores.

Note: Provisional Receipt of stores by consignee are to be given on copy no. 1 of the I-Note for initial payment of 90% or 80% as the case may be, followed by acceptance of stores certificate to be given by consignees on copy no. 2 & 5 of I-Notes for balance 10% or 20% payments as the case may be.

#### **8. TERMS OF DELIVERY & DESPATCH INSTRUCTIONS:**

Terms of Delivery are : Free delivery at site (i.e. at consignees place) including installation & commissioning at users site.

For details of Terms of Delivery & Despatch instructions refer Clause-4 of DGS&D-1001.

#### **9. FALL CLAUSE:**

As contained in Clause-15 of DGS&D-1001.

#### **10. QUALITY ASSURANCE:**

(a) QUALITY ASSURANCE AUTHORITY:

ADG(QA), DGS&D New Delhi/DGQA, New Delhi for Defence requirements.

(b) QUALITY ASSURANCE OFFICER:

For all stores procured against DGS&D Rate Contract/ad-hoc contract, the Inspection officer would be:

(i) User Department/DDO/Consignee itself or any authority/agency appointed by them or  
(ii) Additional Director General (QA) in DGS&D (if desired by user Department/DDO/Consignee).

#### **11. JURISDICTION/ARBITRATION CLAUSE:**

Jurisdiction is place of issue of the Rate Contract. Sole Arbitrator is appointed by DG(S&D). For details refer Clause-23 of DGS&D -1001.

"Where the Contract/Rate Contract is governed by DGS&D arbitration clause, the dispute cannot be referred by the supplier or entertained by Facilitation Council or any other adjudicating Forum."

#### **12. TRANSIT INSURANCE, RECEIPT OF STORES & NOTIFICATION OF DAMAGES AND LOSS, IF ANY:**



Contractor is responsible for Transit Damage. Consignee to notify Transit Damage/Loss if any within 45 days of arrival of stores at destination. For details refer Clause-17 of DGS&D-1001.

### **13. REGISTRATION:**

Tenderer should be registered with DGS&D/NSIC for the subject stores as on the date of opening of bid. All tenderers are, therefore, advised in their own interest to get themselves registered with DGS&D/NSIC.

However, the registration with DGS&D/NSIC will not be required for the firms having Green channel status as on the tender opening date.

### **14. DELIVERY PERIOD:**

Tenderers should quote guaranteed monthly rate of supply (item-wise) and time, if any required for commencement of supply after placement of order, failing which, the tender will be treated as incomplete. For details refer Clause-10 of DGS&D-230.

### **15. NOTE FOR TENDER OPENING AND OFFER VALIDITY:**

Tenderers should note if the date of tender opening (or date upto which offer is to remain open) is declared a closed holiday by the Govt., the tender shall be opened on the next working date at the same time.

### **16. DOCUMENTS TO BE SUBMITTED ALONGWITH BID:**

(i) Demand draft of requisite amount in favour of DGS&D, New Delhi.

(ii) Complete self-vetted Performance Reports for the current and preceding two rate contracts.

(iii) Complete Registration Certificate with DGS&D/NSIC with all amendments or green Channel Certificate. The same should be valid on tender opening date.

(iv) Compliance to technical specifications :-

The Compliance statement should be submitted in the following format:

Para No.	Specifications As per T.E.	Specifications Offered	Compliance (Yes/No)	In case of non-compliance, Deviation From T.E. Specn in unambiguous terms
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(v) Complete BIS Licence with all endorsements. This should be valid on tender opening date (if applicable)

(vi) Documents required to be submitted under Special Terms & Conditions (if applicable)

Please note that non-submission of the above said documents may render your offer liable to be ignored.

**17. Revocation/Cancellation of rate contract:** As per clause 24 of DGS&D-1001.

### **18. PACKING & MARKING:**

As contained in Clause 11 of DGS&D-1001

### **19. DOCUMENTS FOR FULLY IMPORTED STORES:**

The Tenderers quoting for fully imported stores are required to submit the following documents along with their tenders:-

(a) Copies of Bills of entries and/or other document(s) duly authenticated by custom authorities indicating the assessed value taken by customs for the purpose of levy of customs duty. The abatement charges, if any, shall also be indicated.

(b) Classification and rate of customs duty on the date of their tender.

(c) Assessment of element of freight by weight and volume.

(d) Import/Export Code No. issued by DGFT.

NOTES:

The DGS&D may require to go into costing aspect of the items tendered in order to arrive at the reasonableness of the cost. For this the tenderers may be required to submit copies of the Bills of Entry corresponding to the imported stores being quoted. Offers of such tenderers who fail to submit their document as required by the DGS&D are liable to be rejected.

### **20. CONCLUSION OF PARALLEL RATE CONTRACTS:**

(a) DGS&D reserves the right to arrive at the reasonable eligible L-1 price and to conclude Rate Contracts with the firms falling within a reasonable price band. DGS&D also reserves the right to make counter-offers to the firms within a price band not exceeding 10% of the price received from such reasonable eligible L-1 firm(s) and

parallel Rate Contracts shall be concluded with firms who accept the counter-offered price or below.

(b) It is incumbent upon the firms to quote for both the main items and spares/accessories(add-on)[if specified in the Tender Enquiry(DGS&D Form -242)]and the firms who quote only for the main items or only for spares/accessories(add-on), their offers are likely to be ignored.

(c) The firms whose prices are within the price band of 10% for the main items,their prices will deem to have complied with the requirement of price band of 10% for the spares/accessories(add-on) regardless of the actual variation and counter offers will be made to them for spares/accessories(add-on).

(d) Where the negotiations/counter offer with eligible L-1 are not successful,the prices considered as reasonable may be counter-offered to all the higher quoting firms including eligible L-1 regardless of price band in terms of provisions of Para 13.16.4 of DGS&D Manual.

## **21. GREEN CHANNEL FIRMS:**

The Green Channel firms will be treated as deemed registered and allowed to self-certify their products for the required quality.Registration and pre-despatch inspection by DGS&D would not be required in their cases.Green Channel firms shall be responsible and accountable for the required product quality supplied by them as specified under the governing terms and condtions including specification of the Rate Contract.Green Channel firms will also abide by the terms and conditions as contained in Correction Slip 36 dated 18.12.2012,Correction Slip 39 dated 23-1-2013 and Correction Slip 40 dated 25-4-2013 to DGS&D Manual,read with P&C Circular No.11 dated 18-3-2013 and Circular No.16 dated 6-6-2013(available on DGS&D Website [www.dgsnd.gov.in](http://www.dgsnd.gov.in)).

## **22. TEST REPORTS FOR REGISTRATION AND ACCEPTANCE OF GOODS:**

In case of products having satisfactory test reports from international Laboratory Accreditation Cooperation(ILAC) or their worldwide affiliated/recognized labs or NABL approved labs,it would be sufficient to consider the products of requisite quality for acceptance & registration without insistence for any further testing pursuant to DGS&D Manual Correction Slip No.38 dated 18-12-2012.This shall supersede any other provision/stipulation made on the subject matter anywhere in the tender enquiry.

## **23 . Extension of tender opening date:**

Pursuant to P&C Circular No.9 dated 15.3.2013,as a rule, no tender opening extension will be considered, as it leads to delay in conclusion of Rate Contract. However, in exceptional cases, the same can be considered for suitable period on merits of individual case. No request for tender opening extension will be considered on the ground of pending application for grant of Green Channel Facility with DGS&D.

## **24. Seeking of clarification/information concerning bid conditions etc.**

Pursuant to P&C Circular No.13 dated 21.5.2013,any prospective bidder may seek clarification/information concerning the bid conditions, bidding process and/or rejection of his bid or non-issue of tender documents, wherever applicable.

## **25. Receipt of counter-offers through e-mail, fax etc. in addition to tender box:**

Pursuant to P&C Circular No. 14 dated 29.5.2013,the counter-offers, wherever made, in addition to the tender box, will also be received through e-mail, fax and other modes. Director of the concerned Purchase Directorate will be the designated person for receipt of such communications who will be responsible for accounting of them.

## **26.Departmental Charges of DGS&D for Contracts including Rate contracts:**

DGS&D Manual Correction Slip No.43 dated 27.05.2013 and P&C Circular No. 18 dated 10.06.2013 prescribe the revised Departmental Charges and mode which shall be applicable for all Supply Orders placed on or after 27.5.2013. All the government user departments are required to place Supply Orders against DGS&D Rate Contracts on-line on DGS&D e-procuremental portal and pay the prescribed Departmental Charges mentioned hereunder.

a)For Central Government Ministries/Departments,State Government Departments ,PSUs , Autonomous Bodies etc against DGS&D Rate Contracts:

DGS&D Departmental Charges will be levied @1% for "Purchase" and 1% for "Inspection"

on the total value of Contract or Supply Order against DGS&D Rate Contract. The value of the Contract or Supply Order shall be all inclusive, including all taxes and duties. Service tax at prevailing rate as applicable shall be chargeable as extra on the Departmental Charges.

**b)For Referral/Direct Orders against DGS&D Rate Contract:**

i)DGS&D Departmental Charges at nominal fee will be levied @0.25% for "Purchase" on the total value of Contract or Supply Order placed on Rate Contract Holding firm or their dealers/sublet agents against DGS&D Rate Contract. The value of the contract or Supply Order shall be on all inclusive basis including all taxes and duties. Service tax at prevailing rate as applicable shall be chargeable as extra on the Departmental Charges.

ii)After receipt of referral/direct supply Order and making supplies , firm will deposit the Departmental charges as above plus Service tax thereon to the concerned Controller of Accounts(CCA) viz. Delhi/Mumbai/Kolkata/Chennai, as the case may be ,by way of Demand Draft/Bank Transfer. In case the supplies are made in installments, the Departmental charges plus Service tax can be paid by firm with CCA on pro-rata basis based on the value of supplies made. In case, no supplies are made , Departmental charges would not be payable/claimable ,as no service would deem to have been rendered by DGS&D . Firm can subsequently claim reimbursement of the paid Departmental Charges along with Service tax thereon from Pay & Account Officer of the indenter who placed the Supply Order.

iii)In case the firm err/conceal/misrepresent/default in payment of prescribed Departmental charges , the same will be viewed adversely and they shall be liable for action as deemed fit by DGS&D including de-registration, debarring or suspension of business dealings ,blacklisting,bad performance and denial of further Rate Contracts etc.,in addition to recovery of the requisite amounts.

iv)It would be the responsibility of the user department to ensure that the prescribed Department charges have been paid by the supplier before releasing their payments for the supplies.The firm would also disclose the same to DGS&D.

v)The Referral/Direct orders placed by indenter by tweaking DGS&D Rate Contract terms & conditions and /or specification and obtaining the supplies within 1% of the DGS&D Rate Contract Prices,such transaction will fall within the purview of DGS&D Rate Contract and will also attract the aforesaid departmental charges @0.25% of the value of stores ordered and supplied alongwith applicable service tax there on.

vi)In the event of placing such referral/Direct supply orders,indenter shall send e-mail to DGS&D for which a special provision would be provided on DGS&D website. while the indentors placing on-line supply order on DGS&D e-procurement shall have the protection under the terms & conditions of DGS&D Rate Contract,the same would not be available in case they choose to place paper supply order and such transaction would be at their own risk.

vii)The firm while quoting/bidding for rate contract shall specify in their tender, the total value of direct/referral orders (including all taxes and duties) received by them,supplied and the corresponding amount of the departmental charges plus service tax deposited by them with CCA duly certified by their internal auditor/chartered accountant. Like performance statements,bidding firms shall be required to give this data/statement along with their tender as on Cut-off date prescribed in Tender Enquiry for 3 years Rate Contract periods,and shall be evaluated accordingly like Performance Criteria. To begin with,this would be applicable for only current year Rate Contract for the next year Rate Contract Tender.

**27. Fee from bidders for utilization of DGS&D e-module:**

The following fee shall be applicable on the bidding firms:

**a)For e-Bidding:**

(i) @Rs. 2,000/- for each bidding in a Tender enquiry for cases of estimated drawals up to Rs. 10 crores.

(ii) @Rs. 5,000/- for each bidding in a Tender enquiry for cases of estimated drawals exceeding Rs. 10 crores.

**b)For e-Auction/Fall Clause application:**

@Rs. 15,000/- from triggering applicant firm on each occasion.

c)The above charges shall be deposited by the firm by way of a Demand Draft in favour of "Chief Controller of Accounts, Department of Commerce (Supply Division), New Delhi" in advance without which the firm shall not be allowed for e-bidding or their application for e-Auction/Fall clause will not be considered.

d)The bids/applications received without payment of aforesaid fee by the tender opening date and time and with application for e-Auction/Fall clause will be treated unsolicited and will not be considered.

### **28. Registration Status and eligibility for award of Rate Contracts:**

Pursuant to the P&C Circular 12 dated 2.5.2013, it is prescribed that:-

(a) The firms will be eligible for award of Rate Contract and also continue on Rate Contract when they are registered at all times during the entire period of Rate Contract apart from being registered on tender opening date. Accordingly, Rate Contract will be co-terminus with the validity of the registration certificate. It would be incumbent on the part of supplier to timely apply for renewal for registration wherever it is expiring within the validity of the Rate Contract period.

(b) The Registration Certificate would be granted for a minimum period of two years in case of Supplier/Stockist of imported stores, while for other categories including Manufacturers, it may continue to be granted for three years. In any case, QA Wing also have the authority to review their registrations during interim period.

### **29. Enhancement of Registration Fee and Introduction of Tatkal Scheme for Registration:**

Pursuant to DGS&D Manual Correction Slip No. 49 dated 17.7.2013, following non-refundable registration fee shall be charged which is required to be paid by way of Demand Draft payable in favour of :-

a) Normal registration: Fee for the same stands enhanced to Rs. 20,000/-. The registration time will be 30 days after receipt of application along-with required documents and aforesaid registration fee.

b) Tatkal Scheme: In this Scheme the firm can apply for registration 15 days ahead of the tender opening date, for which the registration fee will be Rs. 1,00,000/-.

### **30. Simplification of Registration procedure, Deemed Registration and grant of time for submission of Test Reports/Type Test Certificates (TTC):**

a) In case a firm submit satisfactory test report/Type Test Certificate (TTC) from International Laboratory Accreditation Cooperation (ILAC) or their worldwide affiliated/recognized labs or NABL approved labs for their standardized parameters for testing of the products for the subject stores along-with their tender on or before the tender opening date, the firm will be treated as deemed registered, except for safety/difficult/complaint prone items as notified by P&C Directorate from time to time, provided they have applied for registration to QA Wing on or before tender opening date with requisite registration fee either under normal registration or Tatkal Scheme registration.

b) If the firm has applied for registration and has not been able to submit TTC but is confident about test reports/TTCs, they will be allowed time of 4 weeks after tender opening date by 1% of the drawal amount as EMD (Earnest Money Deposit), which will be forfeited if the date is not complied with. If the date is complied with, the amount will be refunded to them. Meanwhile, firm can put their bid which remains under consideration subject to submission of test reports/TTCs. However, Rate Contract will be given only when registration is granted.

c) The above is in terms of DGS&D Manual Correction Slip no. 48 dated 17.7.2013.

### **31. Registration as Supplier of Imported Stores:**

Pursuant to Correction Slip No. 47 dated 16.7.2013 read with provisions of Para 5.3.2(c) of DGS&D Manual, The registration as suppliers of imported stores shall be considered and granted only when their foreign original equipment manufacturer (OEM) is not selling directly in India. Similarly, even when registrations issued earlier have valid tenure left, bids can be accepted from the OEMs when they are selling in India and Rate Contract will be entered with them instead of agents regardless of the validity of registration of agents.

### **32. Integrity Pact:**

Pursuant to DGS&D Manual Correction Slip No. 44 dated 2.7.2013, it is prescribed to use, practice and observe all the best, clean, ethical, honest and legal means & behaviour maintaining complete transparency and fairness in all activities concerning registration, Green Channel, Bidding, Contracting/Rate Contracting and performance thereto for which the "Integrity Pact" shall be executed between Firm and concerned officers of DGS&D as per the format attached at Annexure-C.

### **33. Complaint Redressal Mechanism in DGS&D:**

All types of complaints, except the complaints related to corruption which will continue to be dealt with by Vigilance Directorate, shall be examined by a Standing Committee constituted for the purpose. The fee for processing the complaint is Rs. 10,000/- per complaint which is required to be submitted to DGS&D by way of Demand Draft in favour of DGS&D, New Delhi or DGS&D, Kolkata/Chennai/Mumbai, as the case may be. The complaint so received will be processed in parallel stream without delaying/disrupting the R/C process. The detailed procedure/instructions in this regard are outlined in P&C Circular No. 20 dated 8.7.2013 which is available on DGS&D website.

#### **34. Earnest Money Deposit(EMD):**

In the case of adhoc procurement, the firms are required to deposit Earnest Money Deposit(EMD) @2% of the estimated value of stores or as decided by DGS&D without any upper ceiling in the form of Demand Draft, Fixed deposit Receipts, Banker's Cheques, Bank Guarantee from any of the Scheduled Commercial Banks in the prescribed format. This is required to be submitted by all the firms regardless of their registration with DGS&D/NSIC/KVIC/Indenting Department in pursuance of Clause 7 of DGS&D-68(Revised).

#### **35. Bidding Process.**

DGS&D reserves the rights to conclude the Rate Contract for any or all items of the Tender Enquiry and also to annul the bidding process/scrap the tender enquiry.

## Special Terms & Condition

Tender No AAKASH/IT-1/RC-711B0000/1214/81

Sr No	Heading	Condition
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1	<b>Preferential Market Access.</b>	
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Purchaser reserves the right for providing preference to domestically manufactured electronic products in terms of Deity Notification No. 8(78)/2010-IPHW dated 10th February 2012 read with subsequent Notification of even number dated 22.01.2013 and Guidelines of even number dated 12 June 2013. A copy of aforesaid Guidelines / Notification can be downloaded from Deity website i.e. URL [www.deity.gov.in](http://www.deity.gov.in). Purchase Preference for Domestic Manufacturer, Methodology of its Implementation, Value Addition to be indicated by Domestic manufacturers, Self- Certification, Compliance and Monitoring shall be as per the aforesaid Guidelines / Notifications. The Guidelines may be treated as an integral part of the tender documents.

Accordingly, Domestic Manufacturers are required to indicate the Domestic Value Addition for the quoted product, in terms of aforesaid guidelines, in their bid with following format.

FORMAT FOR Domestic Value Addition in Terms of Deity Guidelines on PMA

Item No	Item Description	Domestic Value Addition in Percentage
---------	------------------	---------------------------------------

1.

2.

They are also required to give an undertaking in the format as given at Form I of the guideline No. 8(78)/2010-IPHW dated 12.06.2013. Furnishing of false information on this account shall attract penal provisions as per Guidelines/Notifications.

FORM - I

{Format for Affidavit of Self Certification regarding Domestic Value Addition in an Electronic Product to be provided on Rs. 100/- Stamp Paper}

Date:-

I..... S/o, D/o,  
W/o..... Resident of .....  
do hereby solemnly affirm and declare as under:-

That I will agree to abide by the terms and conditions of the policy of Government of India issued vide Notifications No. 8(78)/2010-IPHW dated 10.02.2012.

That the information furnished hereinafter is correct to best of my knowledge and belief and I undertake to produce relevant records before the procuring authority or any authority so nominated by the Department of Electronics and Information Technology, Government of India for the purpose of assessing the domestic Value addition.

That the domestic value addition for all inputs which constitute the said electronic product have been verified by me and I am responsible for the correctness of the claims made therein.

That an even if the domestic value addition of the product mentioned herein is found to be incorrect and not meeting the prescribed value addition norms, based on the assessment of an authority so nominated by the Department of Electronics and Information Technology, Government of India for the purpose of assessing domestic value addition, I will be disqualified from any Government tender for a period of 36 months. In addition, I will bear all cost of such an assessment.

**Tender No AAKASH/IT-1/RC-711B0000/1214/81**

**Sr No        Heading  
             Condition**

That I have complied with all conditions referred to in the Notification No. wherein preference to domestically manufactured electronic products in Government procurement is provided and that the procuring authority is hereby authorized to forfeit and adjust my EMD and other, security amount towards such assessment cost and I undertake to pay the balance, if any, forthwith.

I agree to maintain the following information in the Company's record for a period of 8 years and shall make this available for verification to any statutory authorities.

(i) Name and details of Domestic Manufacturer (Registered Office, Manufacturing unit location, nature of legal entity)

(ii) Date on which this certificate is issued

(iii) Electronic Product for which the certificate is produced

(iv) Procuring agency to whom the certificate is furnished

(v) Percentage of domestic value addition claimed

(vi) Name and contact details of the unit of the manufacturer

(vii) Sale price of the product

(viii) Ex-Factory Price of the product

(ix) Freight, insurance and handling

(x) Total Bill of Material

(xi) List and total cost value of inputs used for manufacturer of the electronic product

(xii) List and total cost of inputs which are domestically sourced. Please attach certificate from suppliers, if the input is not in house.

(xiii) List and cost of inputs which are imported, directly or indirectly

For and on behalf of ..... (Name of firm / entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>

## **2        Other Condition**

Bidders are advised to quote the quantity discount, Minimum Order Quantity, Lead Time for Deliver Period, Monthly Rate of Supply, Pre-inspected Stock in the tender with the following directions:-

(a) Quantity Discount if any:-

Sl. No.	Slab for Quantity Discounts	% discount
1	Upto 100 Nos	.....
2	From 101 to 5000 Nos	.....
3	From 5001 to 10000 Nos	.....
4	From 10001 to 500000 Nos	.....
5	More than 500000 Nos	.....

**Tender No AAKASH/IT-1/RC-711B0000/1214/81**

<b>Sr No</b>	<b>Heading</b>	<b>Condition</b>
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Note:- The Quantity Discount in any other slabs, other than mentioned above, shall not be considered.

(b) Minimum Order Quantity :- ONE

(c) Lead Time for Delivery period - Thirty Days

(d) Monthly Rate of Supply - To be indicate by the bidders in their tenders.

(e) Pre-Inspected Stock - Not Required.

**3 Eligibility condition**

Bidders are advised to get them selves empanelled with C-DAC, Pune for use for Aakash Logo and also get them selves registered with DGS&D as follows:-

Applicable for all bidders including Green Chanel firms:-

As empanelment with C-DAC is mandatory for the subject store, hence, DGS&D Green Channel Facility shall not apply.

Therefore, Rate Contract shall be awarded to only such firms who are registered for the quoted items with DGS&D on the date of tender opening. All tenderers who are not registered and desire to participate against the tender enquiry for rate contract are advised in their own interest to get themselves registered with DGS&D before the date of tender opening.

Note:- Please note that registration of the vendors for the subject store shall be granted only after they get themselves empanelled with C-DAC, Pune for use for Aakash Logo for which C-DAC shall carry out necessary testing on the product. In this regard, bidders are advised to contract CDAC of the following contract details:-

(a) Executive Director, Centre for Development of Advanced Computing, Vellayambalam, Thiruvananthapuram 695033, Kerala  
Phone No. - 0471-2727538 / 3333  
Fax No. - 0471-2723456

(b) Executive Direct, Centre for Development of Advanced Computing, Anusandhan Bhavan, -56/1, Sector 62, Noida 201307 (UP)  
Phone No. 0120-3063300 / 3319  
Fax No. - 0120-3063317

(c) Director General, Centre for Development of Advanced Computing, Pune University Campus, Ganeshkhind Road, Pune 411007, Maharashtra  
Phone No. - 0202-5704200 / 5696565  
Fax No. - 02025691111

For registration with DGS&D, only firm's manufacturing premises and availability of benchmark testing facilities thereto apart from C-DAC empanelment shall be insisted upon.

Bidders are also advised to submit their applications even before they get C-DAC empanelled so that necessary formalities for registration may be completed by DGS&D & as soon as C-DAC empanelment letter is received, DGS&D registration is granted.

**4 Other Special Terms**

(a) As per correction slip No. 53 dated 10.09.2013, In view of the delegated responsibility to indentors regarding Inspection of the stores, indentors may opt for either DGS&D Inspection and / or engage any third party for inspection of stores.

(b) For all supply orders exceeding 100 Nos. of Tablets, inspection shall be



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            Condition**

carried out at the consignee's end or both "Pre-dispatch inspection at manufacturing premises as well as consignee end inspection after receipt of stores at consignee end". However, for Supply order of less than 100 Nos, it may not be feasible to carry out inspection of such a small lot at consignee's place and hence in such cases, Inspection Authority may carry out pre-dispatch inspection at manufacturer's premises. In any case, this does not prejudice to the consignees ultimate right for inspection and rejection of stores at consignee's end.

(c) Payment of the stores to the supplier shall be released only after acceptance of stores at the consignee's end. However, this period shall not exceed 30 days beyond the receipt of such stores at consignee's end.

(d) R/C shall be awarded only to PMA compliance bidders i.e. the bidders, who have domestic value addition more than what is prescribed in PMA policy.

**5      MRP**

Vendors are also requested to submit MRP/ List Price. Bidders shall also attach all relevant supporting documents towards reasonableness and justification of quoted rates along with copies of the orders received from govt. organizations.

**6      Excise Duty**

Excise duty in case no information about excise duty is given it will be taken as inclusive in terms of provision of Para 10.3.4 and 10.7.1 of DGS&D manual

**7      CVC Guidelines**

As per CVC Circular No. 3/01/2012 dated 13.01.2012 (a) In a tender, either the Indian

agent on behalf of the Principal / OEM or Principal / OEM itself can bid but both cannot bid simultaneously for the same item / product in the same tender.

(b) If an agent submits bid on behalf of the Principal / OEM, the same agent shall not submit a bid on behalf of another Principal / OEM in the same tender for the same item / Product.

**8      Payment Terms**

80% Payment will be allowed against Consignee Receipt Certificate (Provisional) and Consignee End Inspection Certificate by the Consignees.

Balance 20% Payment will be released within 60 days of Delivery on submission of Consignees Acceptance Certificate.

**9      Note**

If any provision in "Special Terms & Conditions" is in contradiction to the provision in "General Terms & Conditions" the stipulation made in "Special Terms & Conditions" shall prevail over those stipulated in General Terms and Conditions.

## **CHECK LIST FOR TENDERERS**

**Tenderers are requested in their own interest to check the following before they submit their bids:-**

1. Have all the columns of Form DGS&D-68 A, DGS&D - 69 A, List 1 and List 9 listed in Clause 1 of General Terms & Conditions (GTC) been filled up?      **Yes**      **No**

2. Whether rates(s)/quantum of Excise Duty indicated (Refer      **Yes**      **No**

Clause 4(1) of GTC)?

3.	Whether rates(s) of Local Sales tax and Central Sales tax indicated (Refer Clause 4(1) of GTC)?	<b>Yes</b>	<b>No</b>
4.	Have you indicated the Terms of Delivery (Refer Clause 8 of GTC)?	<b>Yes</b>	<b>No</b>
5.	Has the delivery period been indicated (Refer Clause 14 of GTC)?	<b>Yes</b>	<b>No</b>
6.	Have you indicated the validity of your offer (Refer Clause 15 of GTC)?	<b>Yes</b>	<b>No</b>
7.	Confirmation about availability of testing facilities as atipulated in the specifications / tender enquiry?	<b>Yes</b>	<b>No</b>
8.	Acceptance of all terms and conditions of Tender Enquiry including payment terms, Guarantee/Warranty and those contained in DGS&D-68(Revised), DGS&D-69, DGS&D-229 and DGS&D-1001(Deviation, if any, should be specifically indicated).	<b>Yes</b>	<b>No</b>
9	Whether you have accepted Arbitration Clause as per Clause 24 of DGS&D-68(Revised)	<b>Yes</b>	<b>No</b>
10	Have you enclosed the following documents?	<b>Yes</b>	<b>No</b>
(i)	Technical Compliance Statement in the perscribed format with the details of deviations?	<b>Yes</b>	<b>No</b>
(ii)	Photocopy of valid Registration Certificate of subject stores with DGS&D/NSIC or DGQA(for Defence only) (Refer Clause 13 of GTC)?	<b>Yes</b>	<b>No</b>
(iii)	Self-vetted Performance Statements as per Form B-1,B-2,B-3 & Appendix-A (Refer Clauses 5 of GTC)?	<b>Yes</b>	<b>No</b>
(iv)	DGS&D-242 (Schedule to tender enquiry), tender forms DGS&D-68A, DGS&D-69 A, List No.1 and List 9?	<b>Yes</b>	<b>No</b>
(v)	Documentary evidence to establish your meeting the eligibility criteria (if applicable)?	<b>Yes</b>	<b>No</b>
(vi)	Copy of BIS License (if applicable)?	<b>Yes</b>	<b>No</b>
(vii)	List of Service Centres (if applicable)	<b>Yes</b>	<b>No</b>
11.	Special Documents for Fully Imported Stores (if applicable)Have you enclosed following documents?	<b>Yes</b>	<b>No</b>
(i)	Copies of bill of entries/ or any other document (s) duly authenticated by customs authorities indicating the assessed value taken by customs for purpose of levy of customs duty. The abetment charges, if any, shall also be indicated.	<b>Yes</b>	<b>No</b>
(ii)	Classification and rate of customs duty on date of tender	<b>Yes</b>	<b>No</b>
(iii)	Estimated freight by weight and volume	<b>Yes</b>	<b>No</b>
12	Whether training confirmed (if applicable)	<b>Yes</b>	<b>No</b>
13	Whether installation and commissioning confirmed? (if applicable)	<b>Yes</b>	<b>No</b>

- |    |   |            |           |
|----|---|------------|-----------|
| 14 | Whether AMC and Buy- Back prices quoted in the price bid?<br>(if applicable)                          | <b>Yes</b> | <b>No</b> |
| 15 | Whether Net Dealers price (NDP) duly certified by auditor<br>quoted in the price bid? (if applicable) | <b>Yes</b> | <b>No</b> |
| 16 | Import/Export Code No. issued by DGFT.  | <b>Yes</b> | <b>No</b> |

**Appendix-A**

**Annexure-B**

**Annexure-C**

**PLEASE NOTE THAT NON-SUBMISSION OF THE ABOVE INFORMATION/DOCUMENTS  
MAKES THE OFFER LIABLE TO BE IGNORED WITHOUT ANY FURTHER REFERENCE TO  
THE BIDDER.**

## Amendment to Following Tender Enquiry

Tender No	Amdt No.	Old Opening Date & Time		New Opening Date & Time		Offer Expires On	Nature of Amendment
AAKASH/IT-1/RC-711B0000/1214/81	1	20/12/13	03:00 PM	20/12/13	03:00 PM	20/03/14	Notice for scraping of te