

**Rate Contract**  
**Government of India**  
**Directorate General of Supplies & Disposals**  
**Jeevan Tara Building, 5 Sansad Marg**  
**New Delhi-110001**  
**Tel Number 23360610/23360537**

Digitally signed by:  
Mrs Bhanulali  
Email Id:  
bhanulali@dgsnd.gov.in

Rate Contract no. Laptop/IT-1/RC-71020000/1212/81/05235/3826  
Dated 30-JAN-12

To,

HCL INFOSYSTEMS LTD  
G- 8,9,10, SECTOR-3, NOIDA-201301

Mr. Ashish Hans : Email-ashish.hans@hcl.com,  
Mr. Manichandra Singh: 09650286051  
NOIDA

Sub: Rate Contract for supply of Laptop, Notebook, Tablet, Mobile PC and Accessories  
Validity: From 30-JAN-12 To 31-MAR-13 .

Ref:(1) This Office Tender Enquiry No. Laptop/IT-1/RC-71020000/1212/81  
Opened on 13-DEC-11.

(2) Your Quotation No. And Dated

Dear Sir,

You are hereby informed that your above referred tender read with subsequent letters mentioned above for the Stores specified in the Schedules annexed has been accepted. This rate contract will be governed by the terms and conditions brought in the Form no. DGS&D 1001 available from dgs&d sales counter on payment of Rs. 50/- .The Rate Contract and the schedules annexed here to shall be the sole repository of this Rate Contract/Transaction.

**SCHEDULES ANNEXED**

- 1.Schedule "A" Description of stores,prices,duties/taxes.
- 2.Schedule "B" special conditions of contract / Other information.
- 3.Schedule "C" Information to DDOs about parallel rate contracts.
- 4.Annexure - Technical Specification

Yours Faithfully,

( )

Assistant Director(S)/Section Officer/Dy.Director/Director/DDG(S)  
For and on behalf of the purchaser named in the Form DGS&D 1001.



## SCHEDULE - A

1. Rate Contract No.: -Laptop/IT-1/RC-71020000/1212/81/05235/3826

Dated 30-JAN-12 For the Supply of Laptop, Notebook, Tablet, Mobile PC and Accessories

2. Advance Rate Contract No.: - Nil

Dated

3.(a) Name and Full Address of the Firm :-

HCL INFOSYSTEMS LTD  
G- 8,9,10, SECTOR-3, NOIDA-201301

Mr. Ashish Hans : Email-ashish.hans@hcl.com,  
Mr. Manichandra Singh: 09650286051  
NOIDA  
UTTAR PRADESH - 201301  
Tel. No. - 0120-2522363  
Fax - 0120-2522324  
Email - manichandra@hcl.com

(b) Name and Full Address of Manufacturer :-

HCL INFOSYSTEMS LTD.  
R.S. Nos. 107/5,6,7,108/10-A2 110/8, 5, 11,12  
SEDARPET,PONDICHERRY-605111.

(c) Brand: HCL

4. Validity of Rate Contract: 30-JAN-12 To 31-MAR-13

5. Description of Item, Specification, Unit, Rate

Item Model No. No.	Store Description	Unit	Rate (in Rs)
31 ME 2025	Computer NoteBook	Configuration: Computer note book intel core i-7 with window 7 Professional NOS.	60216 Rs. SIXTY THOUSAN D TWO HUNDRED SIXTEEN ONLY

6-Terms of Delivery:	Free delivery at consignee's site including installation.
7-Excise Duty:	Inclusive @10.3%
8-Sales Tax:	CST/VAT Extra @4%
9-Delivery Period:	Upto first 2000 nos. within 120 days from the receipt of clear order and thereafter 2000 nos. per month.
10(a)-Annual Turnover:	Without Limit
(b)-Monetary Limit(In Rs.):	Without Any Limit
11-Payment Terms:	As per Schedule B



## **SCHEDULE - B**

RC Specification: 1. Order to be placed on HCL INFOSYSTEMS LTD, G-8,9,10 SECTOR-3, NOIDA-201301 and Stores are to be dispatched and billing will be done from HCL INFOSYSTEMS LTD, Pondicherry.

2. Country of Origin : India

3. Special Conditions of Contract:

1. The stores will be delivered free at consignee's end including freight and forwarding.

2. Insurance: As per DGS&D standard transit insurance clause, it will be responsibility of supplier for safe arrival of stores in full and good conditions at user's point and purchaser will not pay separately for transit insurance clause.

3. Warranty Terms : Warranty shall be 3 years for all items except Computer Notebook with Intel Atom Processor for which the warranty shall be two years. However, the warranty for the battery in all the items shall be one year.

4. Payment terms : 50% payment will be allowed on proof of inspection & acceptance thereof and dispatch of stores and balance 50% on certification of receipt of stores in good condition by the consignee. In other respects, the provisions of clause 19, Payment under the Contract in DGS&D 68(R) will apply

5. Octroi Duty and Local Taxes:

Normally materials to be supplied to Govt. Department against Govt. contracts are exempted from levy of town duty, Octroi duty, terminal tax and other levies of local bodies. The local Town/Municipal Body regulations at times, however, provide for such exemption only on production of such exemption certificate from any authorized officer. Contractors should ensure that stores ordered against contracts placed by this office are exempted from levy of town duty/Octroi duty, Terminal tax or other local taxes and duties. Wherever required, they should obtain the exemption certificate from the purchase officer or indenter concerned, to avoid payment of such local taxes or duties. Octroi, entry tax etc. on buyers account in absence of relevant exemption certificate.

6. Supply of Road Permits/ Way bill by the indenter/consignees:

In all such cases where the requirement of Road Permit/Way Bills for entry of goods into a particular State is mandatory, the following provisions shall be strictly followed: -.

(a) The supplier shall request the indenter/consignee for providing Road permit/ Waybill within 10 days of the receipt of the Supply order. The supplier shall furnish all the necessary information and documents in this regard to Indenter/consignee.

(b) On receipt of the above request from the supplier, the indenter/consignee concerned shall arrange to provide the Road permit/Way Bill in the prescribed form to the supplier within a maximum period of two weeks so that the same reaches the supplier before the dispatch of the stores. However, in cases where the Road permit/Way Bill is issued on proof of actual invoice of the material, the consignee shall arrange to provide the Road permit/Way Bill from appropriate authorities within a maximum period of 5 days from the receipt of invoice.

(c) The supplier shall not be held responsible for any delay in supply due to non- supply/delayed supply of Road permit/Way bill by the indenter/consignee.

(d) All cases of abnormal delay in providing requisite details/ documents by the supplier or issue of Road permit/Way bill by indenter/consignee, the same shall be reported by them to DGS&D.

The details of the Road permits presently applicable in different States are as under:-

Sr.No. States Road Permit

- 1 Andhra Pradesh: - Not Applicable
- 2 Arunachal Pradesh: Form -03
- 3 Assam: Form - 61/62
- 4 Bihar:Form 28-B
- 5 Chhattisgarh: Form 59A
- 6 Goa: -Not Applicable
- 7 Gujarat: Form 403
- 8 Haryana:Form 38 if value is Rs. 25,000 or more.
- 9 Himachal Pradesh: - Form -26
- 10 Jammu & Kashmir: - Form-65+
- 11 Jharkhand: Form- JVAT 504 G
- 12 Karnataka: - Not Applicable
- 13 Kerala: - Not Applicable
- 14 Madhya Pradesh: Form 88/89
- 15 Maharashtra: -Not Applicable
- 16 Manipur: Form 35 / 37
- 17 Meghalaya: Form 14
- 18 Mizoram: Form 33
- 19 Nagaland : Form 16A
- 20 Orissa: Form 28 / 32
- 21 Punjab: -Not Applicable
- 22 Rajasthan: Form 18A
- 23 Sikkam: Form 25A
- 24 Tamil Nadu: -Not Applicable
- 25 Tripura: Form 18A / 18 B
- 26 Uttar Pradesh: Form 31/32
- 27 Uttaranchal: Form 16/17
- 28 West Bengal: Form 50

7. Signing of Inspection Notes issued by QA Wing of DGS&D : Instructions to Indentors/Consignees. Advance Payment Copy of Inspection Note for claiming 50% payment (copy No.1):

This is a provisional receipt. It only be tokens the receipt of stores by the consignee and is without prejudice to his rights of inspection and rejection under the general condition to contact. It is issued on said to contain basis the Contractor remaining responsible for proving the total quantities actually delivered. Consignee mentioned in the Inspection Notes should sign (in INK) & put his official rubber stamp on the Advance Payment Copy of Inspection Notes IMMEDIATELY on the receipt of the material and handover the same to the company's authorized representative. Where this is not possible or inconvenient, it should be signed (in INK) by an official authorized by the consignee in that behalf. In such cases, the official signing the receipt certificate should indicate his designation and the official on whose behalf he is signing; and put his official rubber stamp. Balance payment & Accounts Copy of Inspection Note (Copy no 2& 5) for claiming 50% balance payment.

(i) Within 90 days from the date of material received, Consignee mentioned in the Inspection Notes should sign (in INK) & put his official rubber stamp on the Balance & Accounts office copy of Inspection Notes and should fill up the columns of Receipt Voucher No.

(ii) In cases where the supply is incomplete or defective or the supplier do not carry out commissioning/demonstration of the stores within the period as per (i) above, the consignee shall report such cases immediately to the supplier and DGS&D.

(iii) In cases where the consignees do not release copy 2 and 5 of I/Notes within the period as (i) above for the reasons which are considered not valid by the supplier, they may approach DGS&D with complete details for authorization of balance payment without copy 2 and 5 of I/Notes and the same shall be considered by DGS&D on merits of each case..

8. Pre-inspected Stock: In order to meet the urgent requirement of indentors, you may maintain pre-inspected stocks for ready despatch against individual supply orders. In case, however, you fail to despatch the stores within 60 days of inspection, the same shall have to be pre-inspected before despatch.

For supplies made from the pre-inspected stocks, Inspection Notes are to be obtained from the Quality Assurance Officer in each case. Despatches / Deliveries of pre-inspected stocks which are duly accepted need not, however, await release of Inspection Notes and may be effected before Inspection Notes are actually released.

NOTE: TCO-05 Compliance ( for Display screen ) mentioned against Sr. No. 10 of the T/E may be treated as deleted / withdrawn.

All other terms and conditions as per standard conditions mentioned in form DGS&D-1001.

Schedule-D

Special Instructions to R/C holders :-

Rate Contract holders are advised that before entertaining the supply order, they should ensure the availability of following certificates from DDO's.

- a) That they are Central Government Department drawing funds from consolidated funds of India.
- b) The expenditure involved for the purchase has received the sanction of the competent financial authority.
- c) The funds are available under the proper head in the sanctioned budget allotment for the year.
- d) They have been fully authorized by the department to sign the supply order and incur the liability in respect of stores being ordered.

( Bhanu Lali)

Section Officer

For and on behalf of the purchasers Named in the schedule/Form DGS&D-1001.

## SCHEDULE - C

### List of Parallel Rate Contract For Laptop, Notebook, Tablet, Mobile PC and Accessories

Sr.No.	NAME & FULL ADDRESS OF FIRM	R/C NO & DATE
1	HCL INFOSYSTEMS LTD G- 8,9,10, SECTOR-3, NOIDA-201301  Mr. Ashish Hans : Email-ashish.hans@hcl.com, Mr. Manichandra Singh: 09650286051 NOIDA UTTAR PRADESH 201301	Laptop/IT-1/RC- 71020000/1212/81/05235/3826 30-JAN-12
2	R.P.INFOSYSTEMS PVT LTD 2nd & 3rd Floor, 20/1C LALBAZAR STREET, KOLKATA-700001  Mr. Jaydev Bhattacharjee: 09830038234 . WEST BENGAL 700001	Laptop/IT-1/RC- 71020000/1212/81/04139/3827 30-JAN-12
3	ACER INDIA (PVT) LIMITED 3rd Floor, Devika Tower, Nehru Place, New Delhi- 110019  Tele No. 40568000 Fax : 40568030 . DELHI 110019	Laptop/IT-1/RC- 71020000/1212/81/01257/3825 30-JAN-12
4	HEWLETT PACKARD INDIA SALES PRIVATE LIMITED Tower D, 6th Floor, Global Business Park, Mehrauli-Gurgaon Road, Haryana- 122002 Rahul Mehra 9818217342 / Amit Anand 8527646655 Order Related Queries: 9311536145/9311536146 Gurgaon HARYANA 122002	Laptop/IT-1/RC- 71020000/1212/81/03851/3832 09-FEB-12
5	LENOVO (INDIA) PRIVATE LIMITED Vatika Business Park, Ist floor, Badshapur Road, Sector- 49, Sohna Road, Gurgaon- 122001  Mr. Bhanu Pratap Singh: 09871297703 Gurgaon HARYANA 122001	Laptop/IT-1/RC- 71020000/1212/81/04878/3838 14-MAR-12
6	AGMATEL INDIA PVT LTD E 366 2nd Floor, Nirman Vihar Vikas Marg, Delhi-	Laptop/IT-1/RC- 71020000/1212/81/F0091/3850 28-MAR-12



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Mr. Krishan Rana : 09313631206

Mr. Vijay Malhotra-9810054741

Web site: [www.agmatel.com](http://www.agmatel.com) / [krana@agmatel.com](mailto:krana@agmatel.com)

Delhi

DELHI

110092

Laptop/IT-1/RC-

71020000/1212/81/F0091/3850

28-MAR-12

NOTE:

(1) Before placing supply order, DDOs are advised to check with DGS&D or on the website whether any further RCs have been awarded or amendments to Rate Contract have been issued.

(2) All the R/C particulars including prices in respect of individual R/C's are available on DGS&D website, which can be accessed by all. The access code of DGS&D website is <http://dgsnd.gov.in>.

## ANNEXURE

### INSPECTION & TESTING:

1. Only BEE labelled laptops/notebooks shall be accepted. For laptops/notebooks/tablet/iPads, notarised copy of type test certificate from OEM, of EACH model, shall be furnished at the time of registration and inspection.
2. In case of imported stores, the firm has to submit all the IMPORT documents, relevant to the lot being offered for inspection and also at the time of registration.
3. For EVERY lot being offered for inspection, the firm has to furnish a notarised affidavit from OEM that the models being offered, on date, are NOT obsolete and there is no provision to discontinue them during the warranty period, specified in the rate contract. The affidavit must contain specific model numbers being offered/quoted. Such an affidavit has also to be submitted for the models being offered for DGS&D registration.
4. The firm must submit a notarised test report and certificate from OEM regarding battery life and application performance of the laptop/notebook/Tablet/iPad being offered for inspection.
5. Firms shall have following necessary testing facilities :
  - a. Suitable 'Burn-in' software to test hardware components such as motherboard and its components like chip set, DNA controller, memory controller, input/output controller, detection of bad sectors on hard disk drives, serial ports, parallel ports, USB ports and keyboard.

Softwares such as Ziff Davis Bench, Win Bench & QA plus should also be available for checking the keyboard and for bench marking other software components.

- b. Software pattern generator to generate patterns to test display screen characteristics.
  - c. Tests to check battery life and application performance of the laptop/notebook/tablet/ipad.
6. Firm shall 'preferably' have the following testing facilities for conducting test on at least one piece out of every 100 pieces offered, in each configuration, against the lot.

- a. An ESD simulator of 8 KV to check ESD susceptibility.

- b. Thermal chamber to check suitability of each configuration for the ambient temperatures at zero and 45 degrees C.

These tests can alternatively be conducted in an Indian Govt. laboratory, if the facilities for the same are not available with the firm.

### 7. ENVIRONMENTAL TESTS:

The Type testing shall consist of verification of all the features & functional requirements including environmental tests and shall be from any Indian Govt Laboratory. Type test reports shall be required at the time of Registration and Inspection. The environmental tests shall consist of following tests:

- a. Dry Heat : For 16 hrs. at a temp. of 45 degree C in accordance with

IS:9000/part-3/section-5/1977 (reaffirmed in 2007).

- b. Cold Test : For 4 hrs. at a temp. of zero degree C in accordance with IS:9000/part-2/section-4/1977 (reaffirmed in 2007).
- c. Damp Heat Test : For 2 Cycles of 24 h each at a temp. of 40 degree C & 95% RH in accordance with IS:9000/part-5/section-1/1981 (reaff 2007).

After each environmental test and a recovery period of two hours, the product shall be checked for complete functional and feature verification, which should not show any deterioration in the performance before the environmental tests sequence.

8. Drop test shall be conducted on all the six surfaces of the packaging, with the system/ peripherals packed inside, by dropping the same from a height of 1 metre. The packaging should be able to withstand the test without any damage or malfunction. The test shall be conducted on at least one piece out of every 100 pieces offered in each configuration, against the lot.

Performance of the hardware shall be checked after conducting drop test with the help of diagnostic software.

9. Supplier shall furnish the details regarding the maximum power consumption of the whole machine/system and data of maximum power consumption of the following components individually.

- a. Chipset
- b. Processor
- c. Display
- d. Hard Disk Drive
- e. Cooling Fan
- f. Power Management Unit

For overall power consumption of the system, the firm shall demonstrate the same during pre-dispatch inspection and for the individual components firm shall produce data sheet of the OEMs as an evidence.

10. Firm shall submit following Certification/Documents for all items mentioned under Schedule 'Computer Notebook' at the time of Registration and Inspection:

- a. Import documents.
- b. ROHS Compliance (Restriction of Hazardous Substances)
- c. BEE Star Labeling Compliance
- d. TCO-05 Compliance (for Display screen)
- e. CE certification.

NOTE TO TENDERERS:

1. Tenderers may also indicate the other salient features of Unicode(Bi-lingual)software with intelli keys suitable for Windows XP, Windows Vista, Windows7, with support application software of MS office 2003-2007, MS OutLook.
2. Only one Agent or Subsidiary or distributor who enters into direct agreement with foreign principle and not through any intermediary channel can be only considered as a valid Agent, who can be registered
3. The foreign manufacturer has to declare with documentary evidence that they have adapted/tropicalized the equipment to suit Indian climatic conditions, as per clause 5.3.2 (c) of manual; and can prove the performance of the same at the premises in India (Testing facilities required at firm's premises are for functional and performance parameter only and not for Type Testing and

environmental testing as these testings have to be get it done from Govt. Lab). The firms meeting these conditions, in addition to other conditions of registration in vogue, shall only be considered for registration as 'supplier of imported stores'. Mere submission of test report for environmental testing will NOT be treated as sufficient unless above declaration is also furnished by the importer, along with their application for registration and tender enquiry.

4. Supplier of Imported stores must submit a notarized affidavit from their foreign principal (OEM) that the product/model number being quoted against the tender is currently undergoing production and have NOT been discontinued by them. The OEM shall further undertake that they shall continue to provide support to the product/model no. being quoted, during their warranty period. Such an undertaking shall be submitted at the time of registration, bidding and during EACH inspection.

5. As per CVC O.M.No.12-02-6-CTE/SPI(I)-2 dated 7.1.2003, one Indian agent cannot be registered for more than one foreign principal for the same item i.e. only one agent can be registered for one foreign manufacturer for a given item. Similarly, one Indian agent cannot quote on behalf of more than one foreign manufacturer for the same item.

6. CVC has directed, vide order No.24/04/04 dated 21.4.2004 (F.No.12-02-6-CTE/SPI(I)-2), that both the sole selling Agent and Manufacturer cannot quote in tender, for the same item. Only one of the registered parties can quote for a given item.

7. Multiple agents of same manufacturer (Indian or foreign) cannot be registered and participate in bid for the same item.

8. Firms registered with DGS&D or seeking registration/capacity assessment in the category of:

(a) Indian agent of Indian Manufacturer ; the registration and inspection shall be carried out at Indian Manufacturer's works.

(b) Supplier or Imported Stores (i.e. Indian Agent of Foreign Manufacturer) ; the registration and inspection shall be carried out at Indian AGENT's (Supplier of Imported Stores) premises/works.

9. Firms ;must submit their application to concerned QA Office for fresh or renewal of registration/capacity assessment/special capacity assessment PRIOR to 21 days before the scheduled date of tender opening, failing which application shall NOT be entertained.

10. Registration for all scheduled items including add on items and in lieu items are required on the date of tender opening. It means all the items/models quoted against all schedules by tenderer have to be registered on the date of tender opening.

11. The procedure/guidelines to grant registration of all spares, accessories, add-on items and in-lieu-of items required for proper functioning of Equipment.

(I). The registration for all the scheduled items including add-on items/in lieu items, spares and accessories is required before the date of tender opening as per Clause 9.13.2 of DGS&D Manual which is reproduced below:

;A firm is considered registered for such items of stores for which the registration has been specifically granted. The firm should be in the approved list maintained by the Registration Branch of the DGS&D for this purpose.;

(II). However, the procedure and policy to consider registration of spares and accessories including add-on items/in lieu items requested by an Indian supplier along with a request for main equipment will be in line with Clauses 13.20.1, 13.20.5(a) and 13.21.6(b) reproduced below and as per clause 13.22.2:

Refer clause 13.20.1 of DGS&D Manual

While spares and accessories which are essentially required for functioning of the main equipment ,can be included in the rate contracts for the main equipments, rate contract will be concluded, as a policy, for following categories of spares :

a) OEM Indigenous Spares with Original Equipment Manufacturers;

Refer clause 13.20.5 of DGS&D Manual

Spares other than for engines of imported and indigenous machinery may be purchased from :

b)OEM, OEM approved units or established OE suppliers.;

Refer clause 13.21.6 of DGS&D Manual

b) Such or the bought-out items which form a part of an assembly or sub-assembly for which the firm is registered and is entitled for rate contract, could, however, be considered for inclusion in the registration/rate contract as individual item also.;

III The relevant guidelines mentioned in paras 13.20.1, 13.20.5(a), 13.21.6(b) and 13.22.2 of DGS&D Manual will be the basis for registration of items, i.e., spares and accessories , add-on items and in-lieu items , provided the firm are registered for the main equipment , for which the above items are required for functioning of main equipment .No separate agreement , documents like test reports etc. are required for these items if they are registered for the main equipment for which above items are required for proper functioning.

IV.Firms quoting for spares /accessories, add-on items and in-lieu items alone are required to be registered as per the relevant T/E specification. Agreement ,documents, test reports etc . applicable for the spares/accessories ,add-on items and in-lieu items are required to be furnished for registration of these items.

#### Add-on Items for Laptop

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#### Specification : Computer NoteBook

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(A) Detailed specification for items no. 1 to 3 (Convertible Tablet)

- a. Processor : Mobile Intel core i7-2620 M,2.7 GHz with 4MB L3 Cache or higher, Sandy Bridge Configuration.
- b. Chipset & Motherboard : Intel 6 series or higher chipset on OEM motherboard.
- c. Memory : 2 GB DDR3-1333 RAM expandable upto 8 GB.
- d. HDD : 250 GB 5400 rpm (min.) SATA with shock absorbers.
- e. Display : Touch Screen 12.1 inch(30.73 cm) or above (TFT) active Matrix Display.
- f. Resolution : 1280x800 WXGA or higher
- g. Video controller : Mobile Intel HD Graphics,128 MB or higher of shared system memory.
- h. Wireless Connectivity : wireless Intel 802.11 b/g/n, Integrated Blue tooth.
- i. DVD Writer : Internal/External DVD Writer 8X and Integrated stereo speaker.
- j. Key Board : Key Board with Touch Pad/Track Point.
- k. Expansion Port : 2 USB, Ethernet, microphone, headphone/ stereo, Docking Connector, Travel Battery Connector and other standard features.
- l. Operating system : Microsoft Windows 7 professional/Red Hat Linux/Suze Linux (as applicable) preinstalled & Norton/McAfee/e-trust & other software, Antivirus Software latest Version with 3 years license.
- m. Power Supply : 230V, 50 Hz AC Supply with rechargeable Battery Pack Comprising of LI-ION battery Suitable for approx.4hrs. operation complete with battery charger/adaptor.
- n. Carry case : To be provided.
- o. Weight : Less than 2 Kg (with DVD Writer).

(B) Detailed specifications for item no. 4 to 6 (Ultra Portable Low Voltage)

- a. Processor : Intel Core i-5,2540 M,2.6 GHz 3MB L3 Cache or higher, Sandy Bridge Configuration.
- b. Chipset & Motherboard : Intel 6 series chipset on OEM mother board.
- c. Memory : 2GB DDR3-1333 RAM expandable upto 8 GB.
- d. HDD : 320 GB 5400 rpm (min.) SATA with shock absorbers.
- e. Display : 12.1"(30.73Cm) or above TFT active Matrix Display.
- f. Resolution : 1280x768 WXGA or higher
- g. Video controller : Intel HD Graphics, 128 MB or higher Shared system memory.
- h. Wireless Connectivity : Integrated wireless Intel 802.11 b/g/n,Integrated Blue tooth.
- i. DVD Writer : Internal/External DVD Writer& integrated stereo speaker.
- j. Key Board : Key Board with Touch Pad/Track Point.
- k. Expansion Port : 2USB, 1 VGA, RJ-45, headphone, microphone, Docking Connector, Express slot.
- l. Operating system : Microsoft Windows 7 professional/ Red Hat Linux/Suze Linux (as applicable) preinstalled & Norton/McAfee/ e-trust & other software, Antivirus Software latest Version with 3 years license.
- m. Power Supply : 230V, 50 Hz AC Supply with rechargeable Battery Pack  
Comprising of LI-ION battery Suitable for approx. 4hrs.operation complete with battery charger/adaptor.
- n. Weight : Less than 2Kgs(with DVD writer).
- o. Carry case : To be provided.

(C) Detailed specifications for item no. 7 to 9 (Intel Atom)

- a.Processor : Intel Atom N-455,1.66 GHz, 512 KB L2 Cache or higher, Sandy bridge configuration
- b.Chipset & Motherboard : NM-10 express on OEM motherboard
- c. Memory :2GB DDR3 RAM or higher
- d.HDD : 160 GB 5400 rpm
- e. Display :10.1 inch( 25.5 cm) or above(TFT) active Matrix Wide Screen Display.
- f. Resolution : 1024X600 WSVGA or higher
- g.Video Controller :Intel Graphics media accelerator GMA 3150
- h.Wireless connectivity :Integrated wireless Intel 802.11,b/g with integrated Bluetooth.
- i.Keyboard :Key Board with touch pad
- j. Expansion port :3 USB,1 headphone & microphone,1 RJ45, 1 VGA
- k. Operating system :Window 7 professional/Red Hat Linux/Suze Linux (as applicable) preinstalled)& Norton /McAfee/e-trust & other software, Antivirus Software latest Version with 1 year license.
- l. Power supply :230V, 50 Hz AC Supply with rechargeable Battery Pack Comprising of LI-ION battery Suitable for approx. 4hrs.operation complete with battery charger/adaptor.
- m.Cover/Case : To be provided
- n. Weight : Less than 1.5 Kg.

D. Detailed Specification For Item No.10 to 12 (AMD A6-3400M):

- a. Processor: AMD APU A6-3400M, 1.4 GHz, Quad Core, 4MB L2 cache with HD 6500 series graphics with 320 Cores, Brazo Configuration
- b. Chipset & Motherboard: AMD A60M chipset or higher on OEM mother board.
- c. Memory: 2 GB DDR3 RAM expandable upto 8 GB.
- d. HDD: 250GB, 5400 rpm(min.)SATA
- e. Display: 14inch (35.6 cm) or above (TFT) active Matrix Wide Screen Display.
- f. Resolution: 1280x768 WXGA or higher
- g. Video Controller: Inbuilt with processor
- h. Wireless Connectivity: Integrated wireless 802.11 a/b/g,  
Integrated Blue Tooth
- i. DVD Writer: DVD Writer 8X and Integrated stereo speaker
- j. Key Board: Key Board with Touch Pad
- k. Expansion Port: 3USB, 10/100/1000 Ethernet card, RGB or S-Video or VGA/HDMI, 3 in one  
card, headphone, microphone.
- l. Operating System: Microsoft Windows 7 Professional/Red Hat Linux/Suse Linux (as applicable)preinstalled & Norton/McAfee/e-trust & other software, Antivirus Software latest Version with 3 years license.
- m. Power Supply: 230V, 50Hz AC Supply with rechargeable Battery Pack Comprising of LI-ION battery Suitable for approx.3 hrs. operation complete with battery charger/adaptor.
- n. Carry Case : To be provided.
- o. Weight: Less than 2.5 Kg. with DVD Writer.

E. Detailed Specification For Item No.13 to 15(AMD A8-3500 M):

- a. Processor: AMD APU A8-3500M, 1.5 GHz, Quad Core, 4MB L2 cache with HD 6600 series graphics with 400 Cores, Brazo Configuration
- b. Chipset & Motherboard: AMD A60M chipset or higher on OEM mother board.
- c. Memory: 2 GB DDR3 RAM expandable upto 8 GB.
- d. HDD: 250GB, 5400 rpm(min.)SATA
- e. Display: 14inch (35.6 cm) or above (TFT) active Matrix wide screen display.
- f. Resolution: 1280x768 WXGA or higher
- g. Video Controller: Inbuilt with processor
- h. Wireless Connectivity: Integrated wireless 802.11 a/b/g,  
Integrated Blue Tooth
- i. DVD Writer: DVD Writer 8X and Integrated stereo speaker

j. Key Board: Key Board with Touch Pad

k. Expansion Port: 3USB,10/100/1000 Ethernet card, RGB or S-Video or VGA/HDMI, 3 in one card, Headphone, microphone.

l. Operating System: Microsoft Windows 7 Professional/Red Hat Linux/Suse Linux (as applicable)preinstalled & Norton/McAfee/e-trust & other software, Antivirus Software latest Version with 3 years license.

m. Power Supply: 230V, 50Hz AC Supply with rechargeable Battery Pack Comprising of LI-ION battery Suitable for approx.3 hrs. operation complete with battery charger/adaptor.

n. Carry Case : To be provided.

o. Weight: Less than 2.5 Kg. with DVD Writer.

F. Detailed Specification For Item No.16 to 18 (AMD-E350):

a. Processor: AMD APU E-350, 1.6 GHz, dual Core, 1MB L2 cache with HD 6300 series graphics with 80 Cores, Brazo Configuration

b. Chipset & Motherboard: AMD A50M chipset or higher on OEM mother board.

c. Memory: 2 GB DDR3-1333 RAM expandable to 8 GB.

d. HDD: 250GB, 5400 rpm(min.)SATA

e. Display: 11.6inch or above (TFT) active Matrix Wide Screen Display.

f. Resolution: 1280x768 WXGA or higher

g. Video Controller: Inbuilt with processor

h. Wireless Connectivity: Integrated wireless 802.11 a/b/g, Integrated Blue Tooth

i. Key Board: Key Board with Touch Pad

j. Expansion Port: 3USB,1 Headphone, Microphone, 1RJ-45,1 VGA.

k. Operating System: Microsoft Windows 7 Professional/Red Hat Linux/Suse Linux (as applicable) preinstalled & Norton/McAfee/e-trust & other software, Antivirus Software latest Version with 3 years license.

m. Power Supply: 230V, 50Hz AC Supply with rechargeable Battery Pack Comprising of LI-ION battery Suitable for approx.3 hrs. operation complete with battery charger/adaptor.

n. Carry Case : To be provided.

o. Weight: Less than 1.7 Kg..

G) Detailed specification for item no. 19 to 21(AMD APU E-350):

a. Processor : AMD APU E350,1.6GHz , Dual Core, 1 MB L2 Cache with HD 6300 graphics with 80 radeon cores, Brazo Configuration.

b. Chipset & Motherboard : A 50M on OEM mother board



- c. Memory : 2 GB DDR3-1333 RAM expandable upto 8 GB.
- d. HDD : 250GB, 5400 rpm (min.).
- e. Display : 14"(35.6 Cm) or Above(TFT) active Matrix Wide Screen Display.
- f. Resolution : 1366x768 WXGA or higher.
- g. Video controller : Inbuilt in Processor
- h. DVD writer : DVD Writer 8X and Integrated stereo Speaker.
- i. Key Board : Key Board with Touch Pad.
- j. Expansion Port : 2 USB, Ethernet, RGB or S-Video or VGA, Microphone, stereo head phone & other standard features.
- k. Operating system : Microsoft Windows 7 Professional/Red Hat Linux/Suze Linux (as applicable)preinstalled and Norton/McAfee/e-trust & other software, Antivirus Software latest Version with 3 years license.
- l. Power Supply : 230V, 50 Hz AC Supply with rechargeable Battery Pack Comprising of LI-ION battery Suitable for 3hrs or more operation complete with battery charger/adaptor(voltage and capacity).
- m. Carry case : To be provided.
- n. Weight : Less than 2.5 Kg (with DVD Writer).

H) Detailed specification for item no. 22, 23 & 30 (AMD APU A4-3300M):

- a. Processor : AMD APU A4-3300M, 1.9GHz Dual core 2MB,L2 cache with HD 6400 graphics with 240 radeon cores,  
Brazo Configuration
- b. Chipset & Motherboard : A-60 M chipset or higher on OEM mother board.
- c. Memory : 1 GB DDR3-1333 RAM expandable upto 8 GB.
- d. HDD : 250GB, 5400 rpm (min.) SATA
- e. Display : 14inch( 35.6 cm) or above(TFT) active Matrix Wide Screen Display.
- f. Resolution : 1366x768 WXGA or higher.
- g. Video controller : Inbuilt with Processor.
- h. Wireless Connectivity : Integrated wireless Intel 802.11 a/b/g, Integrated Blue tooth.
- i. DVD Writer : DVD Writer 8X and Integrated stereo speaker.
- j. Key Board : Key Board with Touch Pad
- k. Expansion Port : 1 VGA, 1RJ-45, 1VGA, 3 USB and other standard features.
- l. Operating system : Microsoft Windows 7 Professional/Red Hat Linux/Suze Linux (as applicable)preinstalled& Norton/McAfee/e-trust & other software, Antivirus Software latest Version with 3 years license.
- m. Power Supply : 230V, 50 Hz AC Supply with rechargeable Battery Pack Comprising of LI-ION battery Suitable for approx.3 hrs.operation complete with battery charger/adaptor.
- n. Carry case : To be provided.
- o. Weight : Less than 2.5 Kg (with DVD Writer)

(I) Detailed specifications for item no. 24 to 26 (Intel core i-3).

- a. Processor : Mobile Intel Core i-3,2310M ,2.1 GHz with 3 MB L3 Cache or better, Sandy Bridge Configuration.
- b. Chipset & Motherboard : Mobile Intel 6 series or higher chipset on OEM motherboard.
- c. Memory : 2 GB DDR3 1333 RAM expandable upto 8GB

- d. HDD : 320GB, 5400 rpm (min.) SATA
- e. Display : 13.3"(33.8cm) or above TFT active Matrix Wide Screen Display.
- f. Resolution : 1280x768 WXGA or higher
- g. Video controller : Integrated Intel HD Graphics
- h. Wireless Connectivity : Integrated wireless Intel 802.11 b/g/n, Integrated Bluetooth.
- i. DVD Writer : Integrated DVD Writer 8X and Integrated Stereo speaker.
- j. Key Board : Key Board with Touch Pad.
- k. Expansion Port : 3 USB, 10/100 Ethernet card, RGB or video or VGA/HDMI, Microphone, stereo headphone & other standard features.
- l. Operating system : Microsoft Windows 7 professional/Red Hat Linux/Suze Linux(as applicable) preinstalled and Norton/McAfee/e-trust, & other software, Antivirus Software latest version with 3 years license.
- m. Power Supply : 230V, 50 Hz AC Supply with rechargeable Battery Pack comprising of Li-ION battery Suitable for approx. 4hrs operation complete with battery charger/adaptor.
- n. Carry case : To be provided.
- o. Weight : Less than 2.5 Kg (with DVD Writer).

(J) Detailed specifications for item no 27 to 29(Intel Core i-5)

- a. Processor : Mobile Intel Core i5,2430 , 2.4GHZ with 3 MB L3 cache or better Sandy Bridge Configuration.
- b. Chipset & Motherboard : Intel 6 series or higher chipset on OEM Mother board.
- c. Memory : 2GB DDR3-1333 RAM expandable upto 8 GB.
- d. HDD : 320GB, 5400 rpm (min.) SATA
- e. Display : 14"( 35.6 cm) or above(TFT) active Matrix Wide Screen Display.
- f. Resolution : 1280x768 WXGA or higher
- g. Video controller : Integrated Intel HD Graphics
- h. Wireless Connectivity : Integrated wireless Intel 802.11 b/g/n, Integrated Blue tooth.
- i. DVD Writer : Integrated DVD Writer 8X and Integrated stereo speaker.
- j. Key Board : Key Board with Touch Pad
- k. Expansion Port : 3 USB, 10/100/1000 Ethernet card, RGB or S-Video or VGA/HDMI,3in one card reader, Microphone, stereo headphone & other standard features.
- l. Operating system : Microsoft Windows 7 Professional/Red Hat Linux/Suze Linux (as applicable) preinstalled & Norton/McAfee/e-trust & other software, Antivirus Software latest Version with 3 years license.
- m. Power Supply : 230V, 50 Hz AC Supply with rechargeable Battery Pack comprising of LI-ION battery Suitable for approx. 4hrs.operation complete .
- n. Carry case : To be provided
- o. Weight : Less than 2.8Kg (with DVD Writer).

(K) Detailed specifications for item no. 31 to 33 (Intel Core i-7)

- a. Processor : Mobile Intel Core i-7,2620M, 2.7GHz with 4MB L3 Cache or higher, Sandy Bridge Configuration.
- b. Chipset & Motherboard : Mobile Intel 6 series or higher chipset on OEM

motherboard.

- c. Memory : 2GB DDR3-1333 RAM expandable upto 8 GB.
- d. HDD : 500GB, 7200 rpm (min.)
- e. Display : 13.3"(33.8 cm)or above active Matrix wide screen Display.
- f. Resolution : 1280x768 WXGA or higher
- g. Video controller : Dedicated Graphics with 512 MB memory.
- h. Wireless Connectivity : Integrated wireless Intel 802.11 b/g/n, Integrated Blue tooth.
- i. DVD Writer : Integrated 8X DVD Writer and Integrated stereo speaker.
- j. Key Board : Key Board with Touch Pad
- k. Expansion Port : 3 USB,10/100/1000 Gigabit Ethernet card, VGA/HDMI/Microphone, stereo head phone and other standard features.
- l. Operating system : Microsoft Windows 7 professional/Red Hat Linux/Suze Linux (as applicable) preinstalled& Norton/McAfee/e-trust & other software, Antivirus Software latest Version with 3 years license,
- m. Power Supply : 230V, 50 Hz AC Supply with rechargeable Battery Pack Comprising of LI-ION battery Suitable for approx. 4hrs. operation complete with battery charger/adaptor.
- n. Carry case : To be provided
- o. Weight : Less than 2.8 Kg (with DVD Writer).

**LIST OF ALL AMENDMENTS**

**For RC No. Laptop/IT-1/RC-71020000/1212/81/05235/3826**

<b>Sr No.</b>	<b>Amendment No.</b>	<b>Amendment Date</b>	<b>Effective From</b>	<b>Amendment In</b>
1	<a href="#">Laptop/IT-1/RC-71020000/1212/81/05235/3826/40562</a>	23-FEB-12	23-FEB-12	Amendment in Rate