

**Rate Contract**

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

**Rate Contract No. Computers/IT-1/RC-71090000/1009/81/S-264/2824**

**Date 07-July-09**

To,

**ACE BRAIN SYSTEMS & SOFTWARE PVT.LTD.**

**1559, Sadashiv Peth, Opp. Suyash Hotel**

**PUNE- 411030**

**Kind Attn. Mr. M.M.Gupta : Mob: 09971533533**

**E-mail: madan.gupta@intextechnologies.com**

**Mr.Yogesh Godbole : Mob: 09423005472**

Sub: Rate Contract for supply of Computers, Desktop and Peripherals  
valid from 07-JULY-09 To 28-FEB-10

Ref:(1) This Office Tender Enquiry no Computers/IT-1/RC-71090000/1009/81  
opened on 02-JULY-09.

(2) Your Quotation No DGS&D/PS/2008-2009 and Dated  
17-OCT-08

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,

( G. P. SINGH )  
Assistant Director(S)

For and on behalf of the purchaser named in the Form DGS&D 1001

COPY TO

- 1.The Chief Controller of Accounts, Department of commerce, New Delhi.  
(Through authentication cell) This issues with the approval of competent Authority.
2. Deputy Director General of Supplies & Disposals Chennai- 10 copies each
3. Deputy Director General of Supplies & Disposals Kolkata- 10 copies each
4. Deputy Director General of Supplies & Disposals Mumbai- 10 copies each
- 5.Deputy Director General (QA),Kolkata -10 copies each
- 6.Deputy Director General (QA),Chennai -10 copies each
- 7.Deputy Director General (QA),Mumbai -10 copies each
- 8.Deputy Director General (QA),DGS&D -10 copies each
- 9.Inspection Authority ADG(QA) DGS&D New Delhi - 110001.
- 10.Quality assurance Officer Director (QA)Mohali
- 11.Concurrent Audit
- 12.MIS Cell
- 13.Ledger clerk
- 14.O.L.Section
- 15.All Direct Demanding Officers as per mailing list maintained by DGS&D.

( G . P . SINGH )

Assistant Director (S)

FOR DIRECTOR GENERAL OF SUPPLIES & DISPOSALS

**SCHEDULE - A**

1. RATE CONTRACT No.: -Computers/IT-1/RC-71090000/1009/81/S-264 / 2824  
Dated 07-JULY-09 FOR THE SUPPLY OF Computers, Desktop and Peripherals

2. ADVANCE RATE CONTRACT NO.-Nil  
date

3. (a) NAME AND FULL ADDRESS OF THE FIRM -

**M/s. ACE BRAIN SYSTEMS & SOFTWARE PVT.LTD.**

**1559, Sadashiv Peth, Opp. Suyash Hotel**

**PUNE- 411030**

**Tel. No. - 020-24329730/31/32**

**Fax - 020-24329730**

**Email - [yogesh@acebrain.com](mailto:yogesh@acebrain.com)**

(b) NAME AND FULL ADDRESS OF MANUFACTURER -

**M/s. Intex Industries**

**Phase SIDCO Industrial Complex, Bari Brahmana**

**Jammu-33**

**Mr. M.M.Gupta Mob: 09971533533**

**Mr. Naveen Kumar : Mob: 09958393913**

**Mail: [naveen.kumar@intextechnologies.com](mailto:naveen.kumar@intextechnologies.com)**

(c)

BRAND: **Intex Gold Series**

4. VALIDITY OF RATE CONTRACT :: 07-JULY-09 To 28-FEB-10

**5. DESCRIPTION OF ITEM, SPECIFICATION, UNIT, RATE**

Item No.	Model No.	Store Description	Unit	Rate (in Rs.)
1	Intex Gold Series	AMD Sempron Procesor Configuraton	Nos.	22,207
2	Intex Gold Series	Intel Pentium Dual Core Processor configuration	Nos.	27,547
3	Intex Gold Series	Intel Core 2 Duo Configuration	Nos.	33,217
4	Intex Gold Series	Intel V Pro Configuratonl	Nos.	38,495
5	Intex Gold Series	AMD AthlonDual Core Processor Configuration -1	Nos.	29,296
6	Intex Gold Series	AMD Athlon Dual Core Processor	Nos.	30,618

		configuration – 2		
9	Intex Gold Series	Intel Celeron Dual Core Processor configuration	Nos.	22,701
15	OEM	Optical Mouse	Nos.	181
16	OEM	1 GB DDR2 RAM 667 MHz	Nos.	1,081
17	IOEM	2 GB DDR2 RAM 667 MHz	Nos.	2,162
23	WDC/OEM	Item: 3.5 in.Ext. HDD,500 GB with Triple Interface USB 2.0Firewire 400 ,	Nos.	7,071
25	OEM/OEM approved	Item: 2.5in. Portable HDD,160GBwith USB 2.0 interface with backup software	Nos.	3,943
26	OEM/OEM approved	2.5 in Portable HDD, 250 GB with USB 2.0 Interface with backup Software	Nos.	4,935
27	Intex/OEM	38.1 cm (15in) TFT Digital Color Monitor	Nos.	7,200
28	Intex/OEM	43.2 cm (17in) TFT Digital Color Monitor	Nos.	8,276
29	8x or better DVD ROM	Item: Combo i.e.16x10x40 CD R/W and 12xDVD,In-lieu of: 8x or better DVD ROM	Nos.	200
30	8x or better DVD ROM	Item: DVD 8X Rewriter,In-lieu of: 8x or better DVD ROM	Nos.	350
36	Windows Vista Basic	Item: RHEL5 Desktop with free upgrades,updates & web support for 1yr,In-lieu of: Window Vista Basic	Nos.	(-)3,450
37	Windows Vista Business	RHEL5 Desktop with free upgrades,updates & web support for 1 yr.	Nos.	(-)5,860

41	OEM/OEM approved	McAfee Antivirus (Latest Version) for one year License	Nos.	875
42	OEM/OEM approved	Star Office 8, Office productivity suite for Windows per user License	Nos.	5,195
43	OEM/OEM approved	Star Office 8, Office productivity suite for Linux per user License	Nos.	5,195
44	OEM/OEM approved	Star Office 8, Office productivity suite for Solaris per user License	Nos.	5,195
45	OEM/OEM approved	CA AV e-Trust Client Security suite 1 yr Lic 1 user Pack	Nos.	777
46	OEM/OEM approved	CA AV e-Trust Client Security suite 1 yr Lic 5 user Pack	Nos.	3,850
47	OEM/OEM approved	CA AV e-Trust Client Security suite 1 yr Lic 10 user Pack	Nos.	7,750
48	OEM/OEM approved	CA AV e-Trust Client Security suite 1 yr Lic 25 user Pack	Nos.	19,425
49	OEM/OEM approved	CA AV e-Trust AV Lic plus 1 yr Enterprise Maiontenance OLP	Nos.	777
52	Microsoft	MS Office 2007 Standard MOLP With Media (Non Academic)	Nos.	13,986
56	Microsoft	MS Office 2007 Standard MOLP Without Media and SA 2 Yrs (Non Academic)	Nos.	12,250
60	Microsoft	MS Office 2007 Professional MOLP with Media (Non Academic)	Nos.	16,872
64	Microsoft	MS Office 2007 Professional MOLP W/o Media (Non Academic)	Nos.	15,207

68	Microsoft	MS Office 2007 Standard INDIC MOLP With Media (Non Academic)	Nos.	10,989
72	Microsoft	MS Office 2007 Standard INDIC MOLP W/o Media (Non Academic)	Nos.	9,213
92	Microsoft	MS Office Enterprise 2007 MOLP with Media (Non Academic)	Nos.	26,196
110	Microsoft	Adobe Acrobat Standard 9.0 with Media	Nos.	10,767
117	Microsoft	SYMC ENDPOINT PROTECTION 11.0 BNDL Business Pack for 5 Users (1 Yr.)	Nos.	6,134
118	Microsoft	SYMC ENDPOINT PROTECTION 11.0 BNDL Business Pack for 10 Users (1 Yr.)	Nos.	11,459
119	Microsoft	SYMC ENDPOINT PROTECTION 11.0 BNDL Business Pack for 25 Users (1 Yr.)	Nos.	26,133
123	Microsoft	Norton Antivirus 2008 for one year License	Nos.	1,270
125	Xerox phaser 3117/ Samsung ML 1640 / Canon LBP 3108B / Brother HL2140	Laser Printer : Resolution in dpi: Mono 600x600,Paper Size: A4,Print Speed in PPM (A4 Size):14,Port: 1 USB, Memory in MB:NA, Network Card 10/100:NA, Duplexing: NA	Nos.	5,475
126	HP 3005DN /Xerox phaser 3435DN /Samsung ML 3471ND /Canon LBP 3460 / Ricoh SP4100N + Duplex	Laser Printer : Resolution in dpi: Mono600x600,Paper Size: A4,Print Speed in PPM (A4 Size):32,Port: 1 USB, Memory in MB:NA, Network Card 10/100:Yes, Duplexing: Yes	Nos.	33,290
130	Xerox phaser 3250DN /Samsung ML2851ND /Canon / Brother HL5250DN / Ricoh SP3300DN	Laser Printer : Resolution in dpi: Mono 600x600,Paper Size: A4,Print Speed in PPM (A4 Size): 26,Port: 1 USB, Memory in MB: NA, Network Card 10/100: Yes, Duplexing: Yes	Nos.	20,877
131	canon/Samsung ML 2240 /Xerox phaser 3124 /Brother HL	Laser Printer : Resolution in dpi: Mono 600x600,Paper Size: A4,Print Speed in PPM (A4 Size): 20,Port: 1 USB, Memory in MB:	Nos.	7,120

	2140	NA, Network Card 10/100: NA		
133	Samsung ML2571N /Brother HL2140N	Laser Printer : Resolution in dpi: Mono 600x600,Paper Size: A4,Print Speed in PPM (A4 Size): 20,Port: 1 USB, Memory in MB: NA, Network Card 10/100: Yes	Nos.	12,569
135	HP 5200N + Duplex / canon LBP 3500DN / Xerox phaser 5335DN / Ricoh AP610N + Duplex	Laser Printer : Resolution in dpi: Mono600x600,Paper Size: A3,Print Speed in PPM (A4 Size):24,Port: 1 USB, Memory in MB:NA, Network Card 10/100:Yes, Duplexing: Yes	Nos.	56,945
136	HP 9040DN+usb / Xerox 5550DN	Laser Printer : Resolution in dpi: Mono600x600,Paper Size: A3,Print Speed in PPM (A4 Size):40,Port: 1 USB, Memory in MB:NA, Network Card 10/100:Yes, Duplexing: Yes	Nos.	1,51,124
137	Samsung CLP310N /Xerox 6125N /Ricoh SPC220N	Laser Printer : Resolution in dpi: Colour600x600,Paper Size: A4,Print Speed in PPM (A4 Size): 16 BW and 4 C, Port: 1USB, Memory inMB:8,Network Card10/100 : Yes, Duplexing : NA	Nos.	21,792
138	HP CLJCP2025N /Xerox 6180N /Samsung CLP 610ND /Ricoh SPC222DN	Laser Printer : Resolution in dpi: Colour600x600,Paper Size: A4,Print Speed in PPM (A4 Size): 20 BW and C, Port: 1USB,Memory in MB:16,Network Card10/100 : Yes, Duplexing: NA	Nos.	34,920
139	HP CLJ CP1515N	Laser Printer : Resolution in dpi: Colour600x600,Paper Size: A4,Print Speed in PPM (A4 Size): 8 BW and C, Port: 1 USB, Memory in MB:NA, Network Card 10/100:Yes,Duplexing: NA	Nos.	19,963
142	HP CLJ5550DN /Xerox 7400DN/canon LBP 5970	Laser Printer : Resolution in dpi: Colour600x600,Paper Size: A3,Print Speed in PPM (A4 Size): 20 BW and C, Port:1P, Memory in MB:96,Network Card	Nos.	1,95,477

		10/100:Yes,Duplexing: Yes		
143	HP OJ K7108 /canon IX 4000	<b>INKJET PRINTER</b> Resolution in dpi:1200x600,Paper Size: A3,Print Speed in PPM (A4 size): 12 BW and 8 C, Port:1 USB, Duplexing: NA	Nos.	12,564
144	HP DJD4368 /canon IP 2680/Epson	<b>INKJET PRINTER</b> Resolution in dpi:4800x1200,Paper Size: A4,Print Speed in PPM (A4 size): 22 BW and 15 C, Port:1 USB, Duplexing: NA	Nos.	4,927
145	HP OJ 8000	<b>INKJET PRINTER</b> Resolution in dpi:4800x1200,Paper Size: A4,Print Speed in PPM (A4 size): 28 BW and 24 C, Port: 1 USB, Duplexing:Yes	Nos.	7,476
147	Epson lx-300+/Tvse Pro X 900	<b>DOT MATRIX PRINTER</b> 9 pin 80 Column, 250 CPS at 10 cpi Port one Parallel	Nos.	5,973
148	Epson LX 1170/Tvse MSP 245	<b>DOT MATRIX PRINTER</b> 9 pin 136 Column, 300 CPS at 10 cpi Port one Parallel	Nos.	8,855
149	Epson FX-2175	<b>DOT MATRIX PRINTER</b> 9 pin 136 Column, 475 CPS at 10 cpi Port one Parallel	Nos.	11,079
150	Epson LQ 300+ II/Tvse MSP 430	<b>DOT MATRIX PRINTER</b> 24 pin 80 Column, 300 CPS at 10 cpi Port one Parallel	Nos.	8,718
151	Epson LQ 300+ II/Tvse MSP 430	<b>DOT MATRIX PRINTER</b> 24 pin 80 Column, 300 CPS at 10 cpi Port one Parallel English and Devnagari Script in built	Nos.	8,718
152	Epson LQ 1150 II/Tvse MSP 455 XL / WeP HQ 1170 + DX	<b>DOT MATRIX PRINTER</b> 24 pin 136 Column, 300 CPS at 10 cpi Port one Parallel English and Devnagari Script in built	Nos.	10,026
153	Epson LQ 2090/TVS HD 945 WeP LQ DSI	<b>DOT MATRIX PRINTER</b> 24 pin 80 Column, 100 CPS at 10 cpi LQ Mode, Port one Parallel and One USB	Nos.	20,904
154	Epson DLQ 3500/	<b>DOT MATRIX PRINTER</b> 24 pin 136 Column, 150 CPS at 10 cpi LQ Mode, Port one Parallel	Nos.	47,204

	Wep HQ 1600	and One USB		
155	Lipi 6306/WeP P7-500	LINE MATRIX PRINTER : Speed 500 LPM 132/136 Column, Port one parallel and one serial	Nos.	1,29,941
156	Lipi 6312/ WeP P7-1000	<b>LINE MATRIX PRINTER</b> : Speed 1000 LPM 132/136 Column, Port one parallel and one serial	Nos.	2,19,640
157	Lipi 6215L /WeP P7-1500	<b>LINE MATRIX PRINTER</b> : Speed 1500 LPM 132/136 Column, Port one parallel and one serial	Nos.	3,87,742
158	Lipi 6218L/WeP P7-2000	<b>LINE MATRIX PRINTER</b> : Speed 1800 LPM 132/136 Column, Port one parallel and one serial	Nos.	7,22,500
159	Epson PLQ 20/Wep / Lipi PB2	<b>Pass Book Printer</b> : 24 Pin Dot Matrix, 90 column, 300 CPS at 12 cpi in Draft Mode	Nos.	27,937
160	Epson TMU 120/ Lipi LWT 450/WeP DR 400	<b>Point of Sale Printer</b> : Type: Dot Matrix with 9 pin, 40 column	Nos.	9,152
161	Epson TM- T88IV / TVSE Jus Print RP3180 / W epTH400/ Lipi LTP200	<b>Point of Sale Printer</b> : thermal Line with 40 Column	Nos.	13,168
162	Canon LIDE 100	<b>Document Scanner A4/ Legal Size :</b>  Resolution 1200X1200, Speed NA, ADF Capacity NA Flat Bed Size A4, Document Size A 4	Nos.	2,724
163	HP SJ 5590	Resolution 600X600, Speed 8PPM, ADF Capacity 50, Flat Bed Size A4, Legal Through ADF	Nos.	21,705

164	HP SJ 7800 /epson / canon DR 2050c	Resolution 300, Speed 20 ppm, ADF Capacity 50, Flat Bed Size NA, Document Size Legal	Nos.	35,880
172	Lipi TTP 244 Plus	Bar Code Printer : Desktop speed 4 ips	Nos.	18,303
173	Lipi 2410 M	Bar Code Printer : High Performance Speed 10 ips	Nos.	60,017

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6-TERMS OF DELIVERY:	Free delivery at consignee's premises including installation
7-EXCISE DUTY:	Inclusive
8-SALES TAX:	Inclusive of CST / VAT @4%
9-DELIVERY PERIOD	10 to 12 weeks from the date of receipt of confirmed order
10-ANNUAL TURNOVER / MONETARY LIMIT	Without Limit
11-PAYMENT TERMS	As per Schedule B
12-SLAB DISCOUNT CLAUSE	Nil

13-PRICES:	FIXED
14-QUANTITY OFFERED:	Monetary Limit: Without Limit
15-MIN. QUANTITY IN SINGLE SUPPLY ORDER:	Without Limit
16-MIN. ORDER VALUE IN SINGLE SUPPLY ORDER:	Without Limit
17-STATUS OF RC HOLDING FIRM:	LSI
18-PAYING AUTHORITY:	<p>The Chief Controller of Accounts, Deptt. of Supply, 16A, AKBAR ROAD New Delhi -110011</p>
19-INSPECTION AUTHORITY	<p><b><u>For Civil &amp; Defence</u></b> ADG(QA), Jeevan Tara Building, Parliament Street New Delhi</p>
20-QUALITY ASSURANCE OFFICER:	<p><b><u>For Civil &amp; Defence</u></b> Office of Director (Quality Assurance), DGS&amp;D, E-III, Phase-VII, Industrial Area, SAS Nagar Mohali PUNJAB -160055</p>

	OR His Authorised Reprerentatives
21-PLACE WHERE THE STORES ARE TO BE TENERED FOR INSPECTION:	At M/s. Intex Industries, Phase-I SIDCO Industrial Complex, Bari Brahmana, Jammu-33
22-R/C IS DDOs OPERATED	Yes
<p>The subject R/C is issued manually because their tender was not opened electronically along with other tenders.</p> <p>Since R/C is not available on website, DDOs are requested to place supply order against Rate Contract manually on form DGS&amp;D 131, which is available on dgsnd web site ( <a href="http://www.dgsnd.gov.in">www.dgsnd.gov.in</a> )</p>	
23-PACKING & SPECIFICATION	SEE ANNEXURE
<p style="text-align: right;">( G . P . SINGH ) Assistant Director (S)</p> <p style="text-align: center;">FOR DIRECTOR GENERAL OF SUPPLIES &amp; DISPOSALS</p>	

**RC SPECIFICATIONS**

**I Special Conditions of Contract**

1. Terms of delivery: The stores will be delivered by the firms on free delivery at consignee's end.

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 consignee's place and purchaser will not pay separately for transit insurance.

3. Warranty Terms: All Desktop Computers will be covered by onsite warranty for a period of 3 years and other items i.e. Peripherals items such as Printer, Scanner etc. for 1 year from the date of commissioning.

4. Payment terms:

98% against proof of inspection and provisional receipt certificate of stores by consignee for having received the stores on said to contain basis. Balance 2% after installation, commissioning and final acceptance of stores by consignee and on submission of Bank Guarantee for the balance 2% value of the order valid till warranty period indemnifying the purchaser against all losses incurred during the warranty/guarantee period.

5. Octroi Duty and Local Taxes:

Normally materials to be supplied to Govt. Departments 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 indentor 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 indentor/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 indentor/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 Indentor/consignee.

(b) On receipt of the above request from the supplier, the indentor / 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 indentor / consignee.

(d) All cases of abnormal delay in providing requisite details/ documents by the supplier or issue of Road permit/Way bill by indentor/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:	-
2	Arunachal Pradesh:	Form DG-01
3	Assam:	Form 62
4	Bihar:	Form 28
5	Chhattisgarh:	
6	Goa:	-
7	Gujarat:	Form 403
8	Haryana:	Form 38 if value is Rs. 25,000 or more.
9	Himachal Pradesh:	-
10	Jammu & Kashmir:	Declaration & entry tax confirmation from the customer / consignee.
11	Jharkhand:	Form 504G
12	Karnataka:	-
13	Kerala:	- Form 16
14	Madhya Pradesh:	
15	Maharashtra:	- Octroi Exemption Certificate
16	Manipur:	Form 27
17	Meghalaya:	Form 14
18	Mizoram:	Form 33
19	Nagaland :	Form 16
20	Orissa:	Declaration & entry tax confirmation from the customer / consignee.
21	Punjab:	-
22	Rajasthan:	Declaration & entry tax confirmation from the customer / consignee.
23	Sikkam:	Form 20
24	Tamil Nadu:	-
25	Tripura:	Form 26
26	Uttar Pradesh:	Form 32

27 Uttarakhand : Form 16

28 West Bengal: Form 50

7. Signing of Inspection Notes issued by Quality Assurance Wing of DGS&D:

'Instructions to Indentors/Consignees':

Advance Payment Copy of Inspection Note for claiming 90%/98% payment:

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 for claiming 2% 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.

9. Mid term review of prices and specifications: There will be a mid term review of prices and specifications.

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.

All other terms and conditions shall be as per standard conditions contained in Form DGS&D-1001.

Schedule -D

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Special Instructions to R/C Holders:

Rate Contact Holders are advised that before entertaining the supply order they should ensure the availability of following certificates from DDOs.

- a) That they are Central Government Department drawing funds from consolidated fund 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 authorised by the Department to sign the supply order and incur the liability in respect of the stores being ordered.

( G.P.SINGH)  
ASSISTANT DIRECTOR (S)  
FOR DIRECTORATE GENERAL OF SUPPLIES & DISPOSALS

SCHEDULE- C

**LIST OF PARALLEL RATE CONTRACT FOR Computers, Desktop and Peripherals**

Sr.No	NAME & FULL ADDRESS OF FIRM	R/C NO & DATE
1	PCS TECHNOLOGY LIMITED  4, PCS House, Saki Vihar Road, Saki Naka, Andheri East, Mumbai- 400072	Computers/IT-1/RC-  71090000/1009/81/00771/2492 17- FEB-09
2	XSYS TECHNOLOGIES  6E,Rani Jhansi Road,Jhandewala Extension, New Delhi- 110055	Computers/IT-1/RC-  71090000/1009/81/F0365/2495 17- FEB-09
3	HCL INFOSYSTEMS LTD. G- 8,9,10, SECTOR-3, NOIDA-201301	Computers/IT-1/RC-  71090000/1009/81/02519/2497 17- FEB-09
4	CCS INFOTECH LIMITED 14, Periyar road, Chennai- 600017 ( Tamil Nadu )	Computers/IT-1/RC-  71090000/1009/81/NA174/2484 17- FEB-09
5	HEWLETT PACKARD INDIA SALES PVT  LTD Tower D, 6th Floor, Global  Business Park, Mehrauli Gurgaon Road, Gurgaon	Computers/IT-1/RC-  71090000/1009/81/03811/2483 17- FEB-09
6	KBS COMPUTERS PVT LTDKBS HOUSE, PLOT NO EL118, MIDC, MAHAPE, Navi Mumbai- 400710	Computers/IT-1/RC-  71090000/1009/81/01542/2480 17- FEB-09
7	SAI INFOSYSTEM (INDIA)LTD.  SAI CARE, SUPER PLAZA, SANDESH PRESS ROAD, BODAKDEV, VASTRAPUR, AHMEDABAD- 380054	Computers/IT-1/RC-  71090000/1009/81/OA203/2488  17-FEB-09
8	WIPRO LTD.  Infotech Division, Plot No.480-481,Udyog Vihar Phase III, Gurgaon 122016(Haryana )	Computers/IT-1/RC-  71090000/1009/81/04177/2487 17- FEB-09
9	RASHI PERIPHERALS PVT.LTD.	Computers/IT-1/RC-

## **ANNEXURE**

### **Inspection and testing**

(A) Manufacturers shall have the following facilities:

1. Suitable software to test hardware components such as motherboard and its components like chip set, DNA controller, memory controller, input/output controller and availability of bad sectors on hard disk drives. It should also be possible to check serial, parallel & USB ports using special loop back connectors. Software such as Ziff Davis Bench, Win Bench & QA plus should also be available for checking the keyboard and for bench marking other software components.
2. Software pattern generator to generate patterns to check the monitors of different characteristic .
3. Facility to measure leakage current and resistance to earth for checking the safety aspect of the system and peripherals.

(B) Manufacturers shall also preferably have the following facilities:-

- a. An ESD simulator of 8 KV to check ESD susceptibility
- b. Thermal chamber to check suitability for each configuration for the ambient condition of 0-45 degree C. These tests could alternatively be conducted at an NABL approved laboratory if the facilities for the same are not available with the Manufacturer.

(C) Drop test should be conducted on all the six surfaces of the packaging with the systems & peripherals packed inside by dropping the same from a height of 1 m.

Performance of the hardware shall be checked after conducting such tests with the help of diagnostic software. The packaging should be able to withstand the test without any damage or malfunction.

(D) The tests at (B)&(C) above should be conducted on at least one piece out of every 100 pcs manufactured and supplied in each configuration.

(E) Certifications required as per the specifications shall be checked/verified from source/website etc.

### **Bar Code Printer**

Specification :

(1) Desktop type

- a. Printing Type : Thermal Transfer
- b. Print Speed : Up to 4 ips
- c. Print Width : 4.09 inches
- d. Resolution : 203 dpi
- e. Cabinet : Plastic
- f. Symbologies : Linear, PDF-417, Maxi Codes
- g. Interfaces : Parallel and Serial, with cables
- h. Memory : 512 KB Flash, 256 KB SDRAM

(2) High Performance type

- a. Printing type : Thermal Transfer
- b. Print Speed : Up to 10 ips
- c. Print Width : 4.09 inches
- d. Resolution : 203 dpi
- e. Cabinet : Metallic
- f. Symbologies : Linear, PDF-417, Maxi Codes
- g. Interfaces : Parallel and Serial, with cables
- h. Memory : 2 MB Flash, 8 MB SDRAM

### **Desktop Computer:**

Specification :

### **1. AMD Sempron Processor Configuration**

- a. CPU : AMD Sempron LE 1200(2.1 GHz) 64 bit Processor with 128 KB L1 Cache, 512 KB L2 Cache Memory and 800 MHz SB or better.
- b. Chipset : Intel/ATI/VIA/SIS/n Vidia on OEM Motherboard.
- c. Bus Architecture : Integrated Graphics, 3 PCI/PCI Express.
- d. Memory : 1 GB DDR2 RAM 667 MHz with 4GB Expandability.
- e. Hard Disk Drive : 160 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 38.1 cm(15 inch)TFT Digital Colour Monitor , TCO-03 certified.
- g. Keyboard : 104 keys.
- h. Mouse : Optical
- i. Bays : 4 Nos.(2 Nos. 5.25 inches for Optical Media Drives and 2 Nos. 3.5 inches for Hard Disk Drives).
- j. Ports : 6 USB Ports (with at least 2 in front),
- k. Cabinet : Mini tower.
- l. DVD ROM Drive : 8X or better DVD ROM Drive.
- m. Networking facility : 10/100 on board integrated Network Port with remote booting facility.
- n. Operating System : Vista Basic preloaded with Media and Certificate of Authenticity.
- o. OS Certifications : Win Logo Vista Basic OS and Linux Certifications.
- p. Power Management : Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected.
- q. Preloaded Software : Norton , McAfee, ETrust or equivalent Antivirus (Latest Version) minimum 60 days License.

### **2. Intel Pentium Dual Core Processor Configuration**

- a. CPU : Intel Pentium Dual Core E 2180 2.0 GHz,1 MB L2 cache and 800 MHz FSB with Intel EM 64 T.
- b. Chipset : Intel 3 series/n Vidia Gforce 7 series or better

on OEM Motherboard.

- c. Bus Architecture : Integrated Graphics, 2 PCI,1 PCI Express x 1 and 1 PCI Bxpress x 16.
- d. Memory : 1 GB 667 MHz DDR2 RAM with 4 GB Expanadabilty.
- e. Hard Disk Drive : 160 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 38.1 cm(15 inch)TFT Digital Colour Monitor TCO-03 certified.
- g. Keyboard : 104 keys.
- h. Mouse : Optical.
- i. Bays : 4 Nos.(2 Nos. 5.25 inches for Optical Media Drives and 2 Nos. 3.5 inches for Hard Disk Drives).
- j. Ports : 6 USB Ports (with at least 2 in front), audio ports for microphone and headphone in front.
- k. Cabinet : Mini tower.
- l. DVD ROM Drive : 8X or better DVD ROM Drive.
- m. Networking facility : 10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up.
- n. Operating System : Windows Vista Business preloaded with Media and Documentation and Certificate of Authenticity.
- o. OS Certifications : Win Logo Vista Business OS and Linux certification.
- p. Power Management : Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected.
- q. Preloaded Software : Norton , McAfee, ETrust or equivalent Antivirus (Latest Version) with 60 days License.

### **3. Intel Core 2 DUO Configuratrion**

- a. CPU : Intel Core 2 Duo E4600, 2.4 GHz, 2 MB L2 cache and 800 MHz FSB.
- b. Chipset : Intel 3 series/n Vidia GForce 7 series or better on OEM Motherboard.
- c. Bus Architecture : Integrated Graphics, 2 PCI,1 PCI Express x 1 and 1 PCI Bxpress x 16.

- d. Memory : 2 GB 667 MHz DDR2 RAM with 4GB Expandability.
- e. Hard Disk Drive : 160 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 43.2 cm(17 inch)TFT Digital Colour Monitor TCO-03 certified.
- g. Keyboard : 104 keys
- h. Mouse : Optical
- i. Bays : 4 Nos.(2 Nos. 5.25 inches for Optical Media Drives and 2 Nos. 3.5 inches for Hard Disk Drives).
- j. Ports : 6 USB Ports (with at least 2 in front), 1 Serial audio ports for microphone and headphone in front.
- k. Cabinet : Mini tower.
- l. DVD ROM Drive : 8X or better DVD ROM Drive.
- m. Networking facility : 10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up.
- n. Operating System : Windows Vista Business preloaded with Media and Documentation and Certificate of Authenticity.
- o. OS Certifications : Win Logo Vista Business OS and Linux Certification.
- p. Power Management : Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected.
- q. Preloaded Software : Norton , McAfee, ETrust or equivalent Antivirus (Latest Version) with 60 days License.

#### **4. Intel v Pro Configurtrion**

- a. CPU : Intel Core 2 Duo 8400, 3 GHz, 6 MB L2 cache and 1333 MHz FSB.
- b. Chipset : Intel Q 35 or better on OEM Motherboard.
- c. Bus Architecture : Integrated Graphics, 2 PCI,1 PCI Express x 1 and 1 PCI Express x 16.
- d. Memory : 2 GB 667 MHz DDR2 RAM Expandable to 8 GB.
- e. Hard Disk Drive : 250 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 43.2 cm (17 inch) TFT Digital Colour Monitor TCO-03 certified.

- g. Keyboard : 104 keys .
- h. Mouse : Optical.
- i. Bays : 4 Nos.(2 Nos. 5.25 inches for Optical Media Drives and 2 Nos. 3.5 inches for Hard Disk Drives).
- j. Ports : 6 USB Ports (with at least 2 in front)audio ports for microphone and headphone in front.
- k. Cabinet : Mini tower.
- l. DVD ROM Drive : 8X or better DVD ROM Drive.
- m. Networking facility : 10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up, out of band management using any standard management software.
- n. Operating System : Windows Vista Business preloaded with Media and Documentation and Certificate of Authenticity.
- o. OS Certifications : Win Logo Vista Business OS and Linux certification.
- p. Power Management : Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected.
- q. Preloaded Software : Norton , McAfee, ETrust or equivalent Antivirus (Latest Version) with 60 days License.

### **5. AMD Athlon Dual Core Processor Configuration-1**

- a. CPU : AMD Athlon-64 X2 4200+/ B(2.2 GHz) 64 bit Dual Core Processor with 2 x 512 KB L1 Cache, 2 x 512 KB L2 Cache Memory and 2000 MHz FSB or better.
- b. Chipset : AMD780/n vidia GE FORCE 6series on OEM Motherboard.
- c. Bus Architecture : Integrated Graphics, 2 PCI,1 PCI Express x 1 and 1 PCI Bxpress x 16.
- d. Memory : 2GB 533 MHz DDR2 RAM with 4 Expandability.
- e. Hard Disk Drive : 250 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 43.2 cm (17 inch)TFT Digital Colour Monitor TCO-03 certified.
- g. Keyboard : 104 keys
- h. Mouse : Optical
- i. Bays : 4 Nos.(2 Nos. 5.25 inches for Optical Media Drives and 2 Nos. 3.5 inches for Hard Disk Drives).

- j. Ports : 6 USB Ports (with at least 2 in front) audio ports for microphone and headphone in front.
- k. Cabinet : Mini tower.
- l. DMI : DMI 2.0 Compliance and Support.
- m. DVD ROM Drive : 8X or better DVD ROM Drive.
- n. Networking facility : 10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up.
- o. Operating System : Windows Vista Business preloaded with Media and Documentation and Certificate of Authenticity.
- p. OS Certifications : Win Logo Vista Business OS and Linux Certifications.
- q. Power Management : Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected.
- r. Preloaded Software : Norton , McAfee, ETrust or equivalent Antivirus (Latest Version) with 60 days License.

#### **6. AMD Athlon Dual Core Processor Configuration-2**

- a. CPU : AMD Athlon-64 X2 5200+/B (2.7 GHz) 64 bit Dual Core Processor with 2 x 128 KB L1 Cache, 2 x 512 KB L2 Cache Memory and 2000 MHz FSB or better.
- b. Motherboard : AMD780/n vidia GE Force 6series on OEM Motherboard.
- c. Bus Architecture : Integrated Graphics, 3 PCI,1 PCI Express x 16.
- d. Memory : 2GB 533 MHz DDR2 RAM with 8 GB Expandability.
- e. Hard Disk Drive : 250 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 43.2 cm(17 inch) Digital Colour Monitor TCO-03 certified.
- g. Keyboard : 104 keys
- h. Mouse : Optical
- i. Bays : 4 Nos.(2 Nos. 5.25 inches for Optical Media Drives and 2 Nos. 3.5 inches for Hard Disk Drives).
- j. Ports : 6 USB Ports (with at least 2 in front), audio ports for microphone and headphone in front.
- k. Cabinet : Mini tower.
- l. DVD ROM Drive : 8X or better DVD ROM Drive.

- m. Networking facility : 10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up.
- n. Operating System : Windows Vista Business preloaded with Media and Documentation and Certificate of Authenticity.
- o. OS Certifications : Win Logo Vista Business OS and Linux Certification.
- p. Power Management : Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected.
- q. Preloaded Software : Norton , McAfee, ETrust or equivalent Antivirus (Latest Version) with 60 days License.

### **7. Intel v Pro Configuration with Small Form factor**

- a. CPU : Intel Core 2 Duo 8400, 3 GHz, 6 MB L2 cache and 1333 MHz FSB.
- b. Chipset : Intel Q 35 or better on OEM Motherboard.
- c. Bus Architecture : 3 PCI/1 PCI Express /1 PCI Express x 16.
- d. Memory : 2 GB 667 MHz DDR2 RAM Expandable to 8 GB.
- e. Hard Disk Drive : 250 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 43.2 cm SVGA Digital Colour Monitor (to support 1024 x768 NI resolution) MPR II compliant or TCO-03 certified.
- g. Keyboard : 104 keys.
- h. Mouse : Optical.
- i. Bays : 3 Nos (2 NOs. External, 1No. Internal)
- j. Ports : 6 USB Ports (with at least 2 in front)audio ports for microphone and headphone in front.
- k. Cabinet : Small form factor(Max. 16 Litres).
- l. DVD ROM Drive : 8X or better DVD ROM Drive.
- m. Networking facility : 10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up,out of band management using any standard management software.
- n. Operating System : Windows Vista Business preloaded with Media and

Documentation and Certificate of Authenticity.

- o. OS Certifications : Win Logo Vista Business OS and Linux certification.
- p. Power Management : Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected.
- q. Preloaded Software : Norton , McAfee, ETrust or equivalent Antivirus (Latest Version) with 60 days License.

### **8. Small Form Factor and Energy efficient Intel Atom Processor Configuration**

- a. CPU : Intel Atom 230 (1.6 GHZ) with 512 KB L2 cache memory and 533 MHZ FSB.
- b. Motherboard : Intel 945 GC chipset based ITX OEM Motherboard.
- c. Bus Architecture : Integrated Intel Graphics media accelerator 9501PCI.
- d. Memory : 1GB DDR2 RAM 667 MHZ upgradeable 2GB.
- e. Hard Disk Drive : 80 GB Serial ATA HDD.
- f. Monitor : 38.1 cm(15 inch) Digital Colour Monitor.
- g. Keyboard : 104 keys.
- h. Mouse : Optical.
- i. Bays : 1 X2.5 Inch internal Bay.
- j. Ports : 4 USB Ports,1VGA,1PS/2port for Keyboard, 1PS/2port for Mouse and audio output port.
- k. Cabinet/Form Factor : Desktop/Mini ITX.The size in litres should be less than 4 litres.
- l. Networking facility : 10/100 on board integrated Network Port.
- m. Operating System : Windows Vista Business preloaded with Media and Documentation and Certificate of Authenticity.
- n. OS Certifications : Win Logo for window OS.
- p. Power Management : Less Than 65Watts input through power adopter.
- q. Preloaded Software : Norton , McAfee, ETrust or equivalent Antivirus (Latest Version)

### **9. Intel Celeron Dual Core Processor Configuration**

- a. CPU : Celeron E1200 (1.6 GHz or better) 64 bit Processor with 512 KB L2 Cache Memory or better 800 MHZ FSB.

- b. Chipset : Intel/VIA/SIS/n Vidia on OEM Motherboard.
- c. Bus Architecture : Integrated Graphics, 3 PCI/PCI Express.
- d. Memory : 1 GB DDR2 RAM 667 MHz with 4 GB Expandability.
- e. Hard Disk Drive : 160 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 38.1 cm (15 inch)TFT Digital Colour Monitor TCO-03 certified.
- g. Keyboard : 104 keys.
- h. Mouse : Optical.
- i. Bays : 4 Nos.(2 Nos. 5.25 inches for Optical Media Drives and 2 Nos. 3.5 inches for Hard Disk Drives).
- j. Ports : 6 USB Ports (with at least 2 in front.
- k. Cabinet : Mini tower.
- l. DVD ROM Drive : 8X or better DVD ROM Drive.
- m. Networking facility : 10/100 on board integrated Network Port with remote booting facility.
- n. Operating System : Vista Basic preloaded with Media and Certificate of Authenticity.
- o. OS Certifications : Win Logo Vista Basic OS and Linux Certifications.
- p. Power Management : Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected.
- q. Preloaded Software :Norton , McAfee, ETrust or equivalent Antivirus (Latest Version) minimum 60 days License.

**Add on Items for Desktop Computers :**

The following add on Hard Disk Drives shall be supplied with Backup Software.

- (1) 3.5 inch External Hard Disk Drive, 500 GB with triple interface USB 2.0 Fire wire 400 and E SATA Port with Backup Software.
- (2) 3.5 inch External Hard Disk Drive, 1TB with triple interface USB 2.0 Fire wire 400 and E SATA Portwith Backup Software .
- (3) 2.5 inch Portable Hard Disk Drive, 160 GB with USB 2.0 Interface with Backup Software.

(4) 2.5 inch Portable Hard Disk Drive, 250 GB with USB 2.0 Interface with Backup Software.

**In Lieu Items for Desktop Computers :**

As per detailed in Schedule.

**Standard Software Products :**

- 1) All the Standard Software Products shall be supplied with 1 year standard support.
- 2) Symantec AV for Networked Desktop Enterprise Edition shall be supplied with personal fire-wall and IDS.

**Laser Printers :**

Specification :

- (1) Monochrome resolution 600 x 600 dpi, paper size A4, printing speed 14 PPM, 1 USB port
- (2) Monochrome resolution 600 x 600 dpi, paper size A4, printing speed 32 PPM, 1 USB port and network card 10/100 with inbuilt duplexing
- (3) Monochrome resolution 600 x 600 dpi, paper size A4, printing speed 40 PPM, 1 USB port and network card 10/100 with inbuilt duplexing
- (4) Monochrome resolution 600 x 600 dpi, paper size A4, printing speed 26 PPM, 1 USB port and with inbuilt duplexing
- (5) Monochrome resolution 600 x 600 dpi, paper size A3, printing speed 26 PPM, 1 USB port and network card 10/100
- (6) Monochrome resolution 600 x 600 dpi, paper size A3, printing speed 40 PPM, 1 USB port and network card 10/100 with inbuilt duplexing
- (7) Monochrome resolution 600 x 600 dpi, paper size A4, printing speed 20 PPM, 1 USB port.
- (8) Monochrome resolution 600 x 600 dpi, paper size A4, printing speed 20 PPM, 1 USB port and with inbuilt duplexing
- (9) Monochrome resolution 600 x 600 dpi, paper size A4, printing speed 20 PPM, 1 USB port and network card 10/100
- (10) Monochrome resolution 600 x 600 dpi, paper size A4, printing speed 20 PPM, 1 USB port and network card 10/100 with inbuilt duplexing
- (11) Monochrome resolution 600 x 600 dpi, paper size A3, printing speed 24 PPM,

- 1 USB port and network card 10/100 with inbuilt duplexing
- (12) Monochrome resolution 600 x 600 dpi, paper size A4, printing speed 40 PPM,  
1 USB port and network card 10/100 with inbuilt duplexing
- (13) Colour resolution 600 x 600 dpi, paper size A4, printing speed 16 PPM BW  
& 4 PPM in colour, 1 USB port, memory 8 MB and network card 10/100
- (14) Colour resolution 600 x 600 dpi, paper size A4, printing speed 20 PPM BW  
& in colour, 1 USB port, memory 16 MB and network card 10/100
- (15) Colour resolution 600 x 600 dpi, paper size A4, printing speed 8 PPM BW  
& in colour, 1 USB port and network card 10/100
- (16) Colour resolution 600 x 600 dpi, paper size A4, printing speed 8 PPM BW  
& in colour, 1 USB port and network card 10/100 with inbuilt duplexing
- (17) Colour resolution 600 x 600 dpi, paper size A3, printing speed 20 PPM BW  
& in colour, 1 parallel port memory 16 MB and network card 10/100
- (18) Colour resolution 600 x 600 dpi, paper size A3, printing speed 20 PPM BW  
& in colour, 1 parallel port memory 96 MB and network card 10/100 with  
inbuilt duplexing.

### **Inkjet Printers :**

Specification :

- (1) Resolution 1200 x 600 dpi, paper size A3, Printing speed 12 PPM BW and 8 PPM  
in Colour, 1 USB
- (2) Resolution 4800 x 1200 dpi, paper size A4, Printing speed 22 PPM BW and 15 PPM  
in Colour, 1 USB
- (3) Resolution 4800 x 1200 dpi, paper size A4, Printing speed 28 PPM BW and 24  
PPM in Colour, 1 USB with inbuilt duplexing.
- (4) Resolution 4800 x 1200 dpi, paper size A4, Printing speed 20 PPM BW and 14  
PPM in Colour, 1 USB.

### **Dot Matrix Printers :**

Specification :

- (1) 9 pin 80 column, 250 CPS at 10 cpi with one Parallel port.
- (2) 9 pin 136 column, 300 CPS at 10 cpi with one Parallel port.
- (3) 9 pin 136 column, 475 CPS at 10 cpi with one Parallel port.

- (4) 24 pin 80 columns, 300 CPS at 10 cpi with one Parallel port.
- (5) 24 pin 80 columns, 300 CPS at 10 cpi with one Parallel English and Devnagri script in built.
- (6) 24 pin 136 column, 300 CPS at 10 cpi with one Parallel English and Devnagri script in built.
- (7) 24 pin 136 column,100 CPS at 10 cpi in LQ Mode with one Parallel and one Serial/USB port (at supplier option).
- (8) 24 pin 136 column,150 CPS at 10 cpi in LQ Mode with one Parallel and one Serial/USB port(at supplier option).

**Line Matrix Printers :**

Specification :

- (1) 132/136 column, 500 CPS at 10 cpi with one Parallel and one serial port.
- (2) 132/136 column, 1000 CPS at 10 cpi with one Parallel and one serial port.
- (3) 132/136 column, 1500 CPS at 10 cpi with one Parallel and one serial port.
- (4) 132/136 column, 1800 CPS at 10 cpi with one Parallel and one serial port.

**Pass Book Printers :**

Specification :

Dot matrix type 24 pin 90 column 300 cps at 12 cpi in draft (24x12 matrix) Mode, Buffer capacity to be specified by the tenderer, automatic thickness adjustment, auto alignment, auto border, vertical and horigental pass book handling, 1 serial port and 1 USB port /parallel port.

**Point of Sale Printers :**

Specification :

- (1) Dot Matrix Type with 9 pin 40 Column, 4 lps at 16 cpi, 1 parallel port suitable for printing on 2 Ply paper with carbon having 76 mm width.
- (2) Thermal Line Type with 40 Column, print speed min. 150mm/sec, supporting bar code fonts, paper sensor, auto cutter, 1 parallel port suitable for printing on 2 Ply paper with carbon having 76 mm width.

**Document Scanner A4 / Legal Size :**

Specification :

- (1) Resolution 1200 x 1200 dpi, Flat Bed A4 Size with Document of A4 size,1 USB Port.
- (2) Resolution 600 x 600 dpi, Speed 8 PPM at Document of legal size through inbuilt ADF having capacity 50sheets, Flat Bed A4 Size, USB 2.0 port.
- (3) Resolution 300 dpi, Speed 20 PPM at Document of legal size through inbuilt ADF having capacity 50 sheets, USB 2.0 port.
- (4) Resolution 300 dpi, Speed 30 PPM at Document of legal size through inbuilt ADF having capacity 50 sheets, Flat Bed Legal size, USB 2.0 port .

**Bar Code Scanner :**

Specification :

- (1) Portable Data Terminal with Laser Bar Code Scanner and Docking Station for charging and communication and download utility.

1. Microprocessor : 16 bit CMOS
2. RAM : 256 KB
3. ROM : 512 KB Flash
4. keypad : 21 Keys
5. LCD Display : 6 line x 10 character backlit
6. Main Battery : Ni-MH or Li Ion, with Li Ion battery backup
7. Scan Rate : 36 per second or more
8. Resolution : 5 Mil
9. Bar Code Density/ depth of field : 5 mil/6.6 to 10 cm and 13 mil/4.6 to 16 cm.
- 10.Compatiblity : with symbology UPC-A / UPC-E, EAN-8 /EAN-13, JAN-8 / JAN-13, CODE-39, CODE-128, CODE-93
- 11.Industrial codes : Inter leaved 2 of 5
- 12.Ambient Light Immunity : 2500 lux or more
- 13.Weight : Max 200 gms.
14. Operating Temperature : 0-50 degree C
- 15.Interface : RS 232.

- (2) Hand Held type (laser)with KB wedge Interface /USB scan System

1. Scan Rate : 42 Scan Lines per second or more.

2. System : Laser.
3. Print Contrast Ratio : 35%.
4. Resolution : 5mil.
5. Bar code Density/  
Depth of field: 0 to 5.5 (inch) (13 mil).
6. Compatibility with/  
Sysbology: : UPC-A/UPC-E, EAN 13, JAN-13, CODABAR,  
ADD-ON -2, Add - ON-5, CODE-93, and  
Industrial Codes, Interleaved 2 or 5, EAN128.
7. Inter Face : Key Board Wedge or USB.

(3)Hand Held type (Imager) with KB wedge Interface /USB scan System

1. Light Source : LED 645 nm +/-7.5 nm.
2. System : Imager.
3. Print Contrast Ratio : 20%.
4. Resolution : 5mil.
5. Bar code Density/  
Depth of field: : 0 to 6 (inch) (13 mil).
6. Compatibility with/  
Sysbology: Standard ID Bar code and Micro PDF, PDF 417,  
Data Matrix, QR code, UCC, EAN composites,  
Postals, Aztec.
7. Inter Face : Key Board Wedge or USB.