



## Chhattisgarh State Industrial Development Corporation Limited

(A Government of Chhattisgarh Undertaking)

LIC Campus, Pandri Raipur 492 004 (C.G)

Phone 91-771-2583789-90, Fax : 91-771-2583794, 4091879

Website: www.csidc.in, Email : csidc.cg@nic.in, csidc\_raipur@yahoo.com

No./CSIDC/MKD/PS-V/2010-11/

9542

Raipur, Dated : 27-11-2010

### Registered A/D

Rate Contract No. PS-V/MKD/10-11/158/CS/ SSC/2128

Dated: 27-11-2010

To ,

✓ M/s Stream Softech Corporation,  
21 Sarvodaya Nagar Hirapur Colony,  
PO Tatibandh,  
Raipur (C.G.)

**FOR OFFICE USE ONLY**

Sub :- Rate Contract for the supply of Computer System (**Valid From 27-11-2010 to 26.11.2011**)

Ref :- (I) This Office Tender Enquiry No. PS-V/MKD/158/10-11

(II) Your Bid No. 3731 submitted by you on dated 27-07-2010

(III) Your Offer acceptance letter vide no.-Nil Dated 16-11-2010 along with the agreement submitted on 16-11-2010.

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 CSIDC Form No.1 & 2 . The Rate Contract and the Schedules annexed hereto shall be the sole repository of this Rate Contract / Transaction .

You are required to show the original **INK-SIGNED** subject Rate Contract to the satisfaction of Direct Demanding Officer who will place the supply order as per instructions contained in CSIDC form No. 2 and also to the Quality Assurance Officer for inspection purpose and to the paying authority at the time of getting the payment .

### SCHEDULES ANNEXED :

1. Schedule "A" Description of Stores, Prices, Duties/Taxes .
2. Annexure -"A" Technical Particulars of **COMPUTER SYSTEM** .
3. Schedule "B" Special conditions of contract (if any).
4. Schedule "C" Information to DDOs about parallel rate contracts.
5. Schedule "D" Format for Drawal Report.

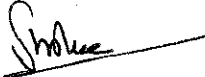
Yours faithfully,

(S.K.Sonwani)

Incharge Marketing-1

Copy To,


1. Secretary, Chhattisgarh Vidhan Sabha ,Raipur .
  2. Registrar, Honourable High court Chhattisgarh, Bilaspur .
  3. Accountant General Chhattisgarh State .
  4. All HODs of Chhattisgarh Govt. with request to circulate the copy of R/C to all authorized officers to operate R/C as Direct Demanding Officer & **you are requested to send the purchase order copy by registered mail to this office.**
  5. All Collectors ,Chhattisgarh State .
  6. Director Treasury with request to circulate copy of R/C to all branches under your control .
  7. Commissioner Tribale Department CTD University Campus Raipur CG
  8. Director Education Department (DPI) Pension Wada, Raipur CG
  9. Dy. Director (Quality & Assurance) DGS&D New Delhi/Bhilai.
  10. Chief Engineer, PDIL KOLKATA (W.B.)
  11. General Manager (Inspection) RITES Ltd. Churchgate Station Road, Second Floor, M.K. Road, Mumbai-400020
  12. Operations Manager SGS India Pvt, Ltd. 43, RR Arcade, Zone-2, MP Nagar, Bhopal-462011.(MP)
- Sr. No. 1 to 7 are requested to call for original INK-SIGNED Rate Contract for verification to their full satisfaction including validity of various documents like Registration, Tax Registration etc. before taking action i.e. release of supply order, inspection of stores, payment of bill whichever is applicable, as the responsibility rests with the concerned authority . **You are requested to send the Inspection Report to this office.**
13. Manager (A/c) ,CSIDC ( Mkt. Division ). He is requested to maintain a master file of Rate Contract .
  14. Computer cell Marketing Division, CSIDC Ltd. Raipur to release Rate Contract on CSIDC website.
  15. Main file of **COMPUTER SYSTEM.**

  
(S.K. Sonwani )  
Incharge Marketing-1

**SCHEDULE 'A'**For the supply of **COMPUTER SYSTEM** as per annexure 'A' enclosed.

1. (a) NAME AND FULL ADDRESS OF :- THE FIRM M/s Stream Softech Corporation,  
21 Sarvodaya Nagar Hirapur Colony,  
PO Tatibandh,  
Raipur (C.G.)
- (b) NAME AND FULL ADDRESS OF :- MANUFACTURER M/s Lenovo (India) Private Limited,  
RS No,19/1A-2A,  
East Coast Raod,  
Thavalakuppam Rev. Village,  
Pondichery
2. VALIDITY OF RATE CONTRACT :- **From 27-11-2010 to 26.11.2011**
3. DESCRIPTION OF ITEM, **COMPUTER SYSTEM** , SPECIFICATION, UNIT RATE

Sub Item Code	Item Description	Rate FOR Destination Inclusive of ED and VAT Extra As Applicable Rate per Unit
<b>Schedule-1</b>	<b>Desktop Computer with preloaded Operating System (MAKE- Lenovo)</b>	
CA00062001001	Intel Pentium Dual Core/Microsoft Windows 7	27000.00
CA00062001002	Intel Pentium Dual Core/RHEL	24000.00
CA00062001004	Intel Core 2 Duo/Microsoft Windows 7	32000.00
CA00062001005	Intel Core 2 Duo/RHEL	29000.00
CA00062001007	Intel v Pro/Microsoft windows 7	37080.00
CA00062001008	Intel v Pro/RHEL	31140.00
CA00062001028	Intel v Pro with Small Form Factor Microsoft /windows 7	38280.00
CA00062001029	Intel v Pro with Small Form Factor/RHEL	32340.00
<b>Schedule-6</b>	<b>Add on Items for Desktop Computer (MAKE -OEM)</b>	
CA00062001051	Standard English Keyboard	270.00
CA00062001053	Graphic Accelerator Card PCI Express 256 MB Direct X-10 compatible	2171.00
CA00062001054	Optical Mouse	143.00
CA00062001058	Graphic Accelerator Card PCI Express 512 MB Direct X-10 compatible	2171.00
CA00062001059	Set of 2 External speakers of 5 RMS each	250.00
CA00062001060	Head Sets with MIC.	180.00
CA00062001061	Web Camera Glass Lens with MIN. 1.3 Mega Pixels	551.50
CA00062001062	1GB DDR2 RAM 1066MHz	1200.00
CA00062001063	2GB DDR2 RAM 1066MHz	2316.30
CA00062001064	4GB DDR2 RAM 1066MHz	4554.29

  
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CA00062001065	3.5 in. Ext. HDD, 1 TB with USB 2.0 Interface	4560.00
CA00062001066	47 cm (18.5 in.) TFT Digital Colour Monitor TCO - 05 Certified	6500.00
<b>Schedule-8</b>	<b>Add on Items for Blade Server Console (MAKE-IBM)</b>	
CA00062001100	Ethernet Managed Blade Switch Gb 10 Port Layer 2 for 6 Blade Chassis	87997.00
CA00062001101	Ethernet Managed Blade Switch Gb 14 Port Layer 2 for 7 Blade Chassis	87997.00
CA00062001102	Ethernet Managed Blade Switch Gb 20 Port Layer 2	87997.00
CA00062001103	Ethernet Managed Cisco Catalyst Blade Switch Gb IP v6 enabled 20 Port	288323.00
CA00062001104	Fiber Channel Pass Through for SAN connectivity	108851.00
CA00062001105	SAN Switch Brocade 4 Gb 10 Port for 6 Blade System	259789.00
CA00062001106	SAN Switch Brocade 4 Gb 20 Port for 6 Blade System	391110.00
CA00062001107	SAN Switch Brocade 4 Gb 10 Port for 7/16 Blade	259789.00
CA00062001108	SAN Switch Brocade 4 Gb 20 Port for 7/16 Blade	391110.00
CA00062001109	SAN Switch Cisco 4 Gb 10 Port for 6 Blade System	340470.00
CA00062001110	SAN Switch Cisco 4 Gb 20 Port for 6 Blade System	538350.00
CA00062001111	SAN Switch Cisco 4 Gb 10 Part for 7/16 Blade System	340470.00
CA00062001113	Enet Multifn. Gb Svr. Adapter Dual Port PCI-E based for 6 Blade system	11500.00
CA00062001114	Enet Multifn. Gb Svr. Adapter Dual Port PCI-E based for 7/16 Blade system	11500.00
CA00062001115	HBA 4Gb FC integrated on Blade with Pass through for 6 Blade system	30993.00
CA00062001116	HBA 4Gb FC integrated on Blade with Pass through for 7/16 Blade system	30993.00
CA00062001117	IB Blade Switch 1xDDR for 6 Blade System	129378.00
CA00062001118	IB Blade Switch 2xDDR for 6 Blade System	234612.00
CA00062001122	IB Blade switch 4xDDR for 7/16 Blade System	338604.00
CA00062001123	IB Mezzanine HCA 1X DDR for 6 Blade System	52239.00
CA00062001128	IB Mezzanine HCA 4X DDR for 7/16 Blade System	61274.00
CA00062001135	Blade Server Intel add on	238032.00
CA00062001139	Virtual Centre manager Server	318373.23
<b>Schedule-9</b>	<b>In-lieu of Items for Desktop Computers (MAKE-Lenevo)</b>	
CA00062001147	DVD 8X Rewriter/8x or better DVD ROM	200.00
<b>Schedule-12</b>	<b>Standard Softwares (MAKE Microsoft)</b>	
CA00062001178	McAfee Antivirus (Latest Version) for one year LicenseWith	697.00
CA00062001189	MS Office 2007 Standard MOLP With Media (Non Academic)	13318.00
CA00062001193	MS Office 2007 Standard MOI.P Without Media (Non Academic)	12252.00
CA00062001197	MS Office 2007 Professional MOLP With Media (Non Academic)	15176.00
CA00062001201	MS Office 2007 Professional MOLP W/O Media (Non Academic)	14110.00
CA00062001205	MS Office 2007 Standard INDIC MOLP With Media (Non Academic)	10340.00
CA00062001209	MS Office 2007 Standard INDIC MOLP W/O Media (Non Academic)	9319.00
CA00062001227	MS Office Project standard MOLP With Media	19635.00
CA00062001229	MS Office Project Professional MOLP With Media	32705.00


  
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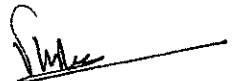
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CA00062001260	Norton Antivirus (Latest Version) with one year LicenseWith	1070.00
CA00062001261	Trend Micro Antivirus (Latest Version) with one year LicenseWith	550.00
CA00062001262	Norton Internet Security (Latest Version) with one year License	1300.00
<b>Schedule-13</b>	<b>Laser Printer (MAKE-HP/Lipi/Samsung)</b>	
CA00062001333	Mono 600x600 /A4/ 14/ 1 USB NA/ NA/ NA	5710.00
CA00062001335	Mono 600x600/ A4/ 18/ 1 USB NA/ NA/ NA	5900.00
CA00062001336	Mono 600x600 /A4/ 40/ 1 USB NA /Yes /Yes	39240.00
CA00062001337	Mono 600x600 /A4 /26 /1 USB NA / NA /Yes	10106.00
CA00062001339	Mono 600x600 /A4 /26 /1 USB NA / Yes / Yes	11606.00
CA00062001340	Mono 600x600 /A4 /20 /1 USB NA /NA	5712.00
CA00062001341	Mono 600x600 /A4 /20 /1 USB NA /NA /Yes	8606.00
CA00062001342	Mono 600x600 /A4/ 20 /1 USB NA /Yes	9106.00
CA00062001344	Mono 600x600 /A4 /25 /1 USB NA /Yes /Yes	11106.00
CA00062001345	Mono 600x600 /A4/ 30 /1 USB NA /Yes /Yes	18793.00
CA00062001346	Mono 600x600/ A4 /34 / 1 USB NA /Yes /Yes	28139.00
CA00062001347	Mono 600x600 /A3 /24 /1 USB NA / Yes /Yes	39795.14
CA00062001348	Mono 600x600 /A3 /40 /NA /NA /Yes /Yes	156960.00
CA00062001349	Colour 600x600 A4 /16 BW and 4 C /1 USB 8 /Yes /NA	16615.00
CA00062001350	Colour 600x600 A4/ 20 BW and C /1 USB 16 /Yes /Yes	33923.00
CA00062001351	Colour 600x600 A4 /8 BW and C /1 USB NA /NA /NA	20009.00
CA00062001352	Colour 600x600 A4 /8 BW and C /1 USB NA/ Yes /NA	21977.00
CA00062001354	Colour 600x600 A4/ 30 BW and C /1 USB 16 /Yes /Yes	52978.00
CA00062001355	Colour 600x600 A3 /20 BW and C /1 P / 96 / Yes /Yes	159463.00
<b>Schedule-15</b>	<b>Dot Matrix Printer (MAKE-Lipi)</b>	
CA00062001361	9 /80 /250 /One parallel	6533.07
CA00062001362	9/ 136 /300 /One parallel	9100.00
CA00062001363	9/ 136 /475 /One parallel	11350.00
CA00062001364	24 /80 /300 /One parallel	8900.00
CA00062001365	24/ 80/ 300 /One parallel English and Devnagri script in-built	8900.00
CA00062001368	24/ 136 /500 /One parallel and one serial/USB	37854.96
<b>Schedule-16</b>	<b>Dot Matrix Printer (MAKE-Lipi)</b>	
CA00062001369	500/132/136 / One parallel and one serial	137875.00
CA00062001370	1000/132/136 /One parallel and one serial	231630.00
CA00062001371	1500 /132/136/ One parallel and one serial	411198.40
CA00062001372	1800/132/136 /One parallel and one serial	760000.00
CA00062001373	24 pin Dot Matrix ,90 column ,300 CPS at 12 cpi in Draft Mode	19250.00
<b>Schedule-18</b>	<b>Point of Sale Printer (MAKE-Lipi)</b>	
CA00062001375	Thermal Line with 40 column	9883.98
<b>Schedule-19</b>	<b>Document Scanner A4/Legal Size (MAKE-HP)</b>	
CA00062001376	1200x1200 /NA/NA/A4/A4	3038.00

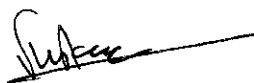
Schedule-20	Bar Code Scanner (MAKE-Lipi)	
CA00062001385	Portable Data Terminal with Docking Station	25300.00
CA00062001386	Hand Held with KB wedge Interface with Imager scan System	3363.00
CA00062001387	Hand Held with KB wedge Interface with Laser scan System	4000.00
CA00062001388	Hand Held with USB Interface with Imager scan system	3648.00

Note:-Technical particulars as per Annexure A enclosed.

4. TERMS OF DELIVERY : F. O. R Destination ( Any where in C.G.State)
5. EXCISE DUTY : Not Applicable
6. SALES TAX / VAT : Extra as if Applicable as per Chhattisgarh VAT Act 2006  
TIN No. 22611501255  
M/s Stream Softech Corporation,  
21 Sarvodaya Nagar Hirapur Colony,  
PO Tatibandh, Raipur (C.G.)
7. DELIVERY PERIOD : 6 to 12 Weeks from the date of receipt of order.
8. a. ANNUAL TURN OVER : 2006-07 Rs. 13838881.00  
2007-08 Rs. 19223876.00  
2008-09 Rs. 21960484.00
- b. MONETARY LIMIT :
- c. INSTALLED CAPACITY : (As per DGS&D Certificate,)
- | Description       | Capacity/Annum |
|-------------------|----------------|
| Desktop Computers | 60000 Nos.     |
9. SLAB DISCOUNT (IF ANY): Nil
10. PRICES : Firm and Final
11. MINIMUM QUANTITY IN SINGLE SUPPLY ORDER : N.A.
12. STATUS OF RC HOLDING : Authorised Dealer  
FIRM

  
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13. REGISTRATION STATUS : DGS&D Regn No.-BAN/L-1535/09/04878  
Dated 10-07-2009 issued by DGS&D Bangalore
14. BIS LICENSE : NA
15. PAYING AUTHORITY : As Mentioned in supply order to be issued by Direct Demanding Officer (DDOs).
16. PAYMENT TERMS : The payment of full 100% of prices of the stores of each consignment there-of will be made after receipt and acceptance of the stores by the consignee/interim consignee in full and good condition within 20 days as per SPR rule No.11, if the bills are in order. In case of delay in payment without any reason the department will be liable to pay interest prevailing as per Bank rate. Bills are to be submitted in the prescribed form of the paying authority of purchaser / indenter and are to be supported with inspection note issued by the inspector and consignee's Receipt Certificate.
17. INSPECTION AUTHORITY : Dy, Director (Q&A), DGS&D New Delhi/Bhilai  
OR  
General Manager (Inspection) RITES Ltd.  
Chuchgate Station Road, Second Floor, M.K. Road,  
Mumbai-400020  
OR  
Chief Engineer, PDIL, KOLKATA  
OR  
Operations Manager SGS India Pvt, Ltd. 43, RR  
Arcade, Zone-2, MP Nagar,  
Bhopal-462011.(MP)
18. OFFICER - QUALITY ASSURANCE : Dy, Director (Q&A), DGS&D New Delhi/Bhilai  
OR  
General Manager (Inspection) RITES Ltd.  
Chuchgate Station Road, Second Floor, M.K. Road,  
Mumbai-400020  
OR  
Chief Engineer, PDIL, KOLKATA  
OR  
Operations Manager SGS India Pvt, Ltd. 43, RR  
Arcade, Zone-2, MP Nagar,  
Bhopal-462011.(MP)
19. PLACE WHERE THE STORES ARE TO BE OFFERED FOR INSPECTION : At Manufacturer's Factory at  
M/s Lenovo (India) Private Limited,  
RS No,19/1A-2A,East Coast Raod,  
Thavalakuppam Rev. Village,  
Pondichery



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20. INSPECTION CHARGES : 0.6% Inspection charges + Service Tax (As Applicable at the time of Inspection to be paid extra at the time of inspection to Quality Assurance Officer which will be billed by the unit along with bill of the material and will be reimbursed by the paying authority of DDO.
21. SECURITY DEPOSIT : As per General conditions of contract , CSIDC Form No. 1, Clause 7, the Purchaser / DDOs may require the contractor to furnish a security deposit which shall be made after issue of the acceptance of the supply order within the period specified by the purchaser / DDOs. Such security deposit shall not ordinarily exceed 3% . The security shall be in form of Demand Drafts issued by any of the Scheduled Commercial Banks. No other form of security is to be accepted. The security deposit amount is to be refunded after successful completion of the supply.



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**Annexure - "A"****Technical Particulars For Computers, Desktop & Peripherals****Schedule 1 Desktop Computer with preloaded Operating System**

UNIT: NOS.

CA00062001	Intel Pentium Dual Core	Microsoft windows 7
CA00062002	Intel Pentium Dual Core	RHEL
CA00062004	Intel Core 2 Duo	Microsoft windows 7
CA00062005	Intel Core 2 Duo	RHEL
CA00062007	Intel v Pro	Microsoft windows 7
CA00062008	Intel v Pro	RHEL
CA00062028	Intel v Pro with Small Form Factor Microsoft	windows 7
CA00062029	Intel v Pro with Small Form Factor	RHEL

**Schedule-6 Add on Items for Desktop Computer**

CA00062051	Standard English Keyboard
CA00062053	Graphic Accelerator Card PCI Express 256 MB Direct X-10 compatible
CA00062054	Optical Mouse
CA00062058	Graphic Accelerator Card PCI Express 512 MB Direct X-10 compatible
CA00062059	Set of 2 External speakers of 5 RMS each
CA00062060	Head Sets with MIC.
CA00062061	Web Camera Glass Lens with MIN. 1.3 Mega Pixels
CA00062062	1GB DDR2 RAM 1066MHZ
CA00062063	2GB DDR2 RAM 1066MHZ
CA00062064	4GB DDR2 RAM 1066MHZ
CA00062065	3.5 in. Ext. HDD, 1 TB with USB 2.0 Interface
CA00062066	47 cm (18.5 in.) TFT Digital Colour Monitor TCO - 05 Certified

**Schedule 8 Add-on items for Blade Server Console**

CA00062100	Ethernet Managed Blade Switch Gb 10 Port Layer 2 for 6 Blade Chassis
CA00062101	thernet Managed Blade Switch Gb 14 Port Layer 2 for 7 Blade Chassis
CA00062102	thernet Managed Blade Switch Gb 20 Port Layer 2
CA00062103	thernet Managed Cisco Catalyst Blade Switch Gb IP v6 enabled 20 Port
CA00062104	Fiber Channel Pass Through for SAN connectivity
CA00062105	SAN Switch Brocade 4 Gb 10 Port for 6 Blade System
CA00062106	SAN Switch Brocade 4 Gb 20 Port for 6 Blade System
CA00062107	SAN Switch Brocade 4 Gb 10 Port for 7/16 Blade System
CA00062108	SAN Switch Brocade 4 Gb 20 Port for 7/16 Blade System
CA00062109	SAN Switch Cisco 4 Gb 10 Port for 6 Blade System
CA00062110	SAN Switch Cisco 4 Gb 20 Port for 6 Blade System
CA00062111	SAN Switch Cisco 4 Gb 10 Part for 7/16 Blade System
CA00062113	Enet Multifn. Gb Svr. Adapter Dual Port PCI-E based for 6 Blade system
CA00062114	Enet Multifn. Gb Svr. Adapter Dual Port PCI-E based for 7/16 Blade system
CA00062115	HBA 4Gb FC integrated on Blade with Pass through for 6 Blade system
CA00062116	HBA 4Gb FC integrated on Blade with Pass through for 7/16 Blade system
CA00062117	IB Blade Switch 1xDDR for 6 Blade System
CA00062118	IB Blade Switch 2xDDR for 6 Blade System
CA00062122	IB Blade switch 4xDDR for 7/16 Blade System
CA00062123	IB Mezzanine HCA 1X DDR for 6 Blade System
CA00062128	IB Mezzanine HCA 4X DDR for 7/16 Blade System


  
Incharge/PS-V

Rate Contract No. PS-V/MKD/10-11/158/CS/ SSC/2128

CA00062135 Blade Server Intel add on  
CA00062139 Virtual Centre manager Server

**Schedule 9 In Lieu of items for Desktop Computers**

Item	In-lieu of
CA00062147 DVD 8X Rewriter	8x or better DVD ROM

**Schedule 12 Standard Softwares**


CA00062178 McAfee Antivirus (Latest Version) for one year License with  
CA00062189 MS Office 2007 Standard MQLP With Media(Non Academic)  
CA00062193 MS Office 2007 Standard MQLP without Media(Non Academic)  
CA00062197 MS Office 2007 Professional MQLP With Media(Non Academic)  
CA00062201 MS Office 2007 Professional MQLP w/o Media(Non Academic)  
CA00062205 MS Office 2007 Standard INDIC MQLP with Media(Non Academic)  
CA00062209 MS Office 2007 Standard INDIC MQLP w/o Media (Non Academic)  
CA00062227 MS Office Project standard MQLP with Media  
CA00062229 MS Office Project Professional MQLP with Media  
CA00062260 Norton Antivirus (Latest Version) with one year License with  
CA00062261 Trend Micro Antivirus (Latest Version) with one year License with  
CA00062262 Norton Internet Security (Latest Version) with one year License  
CA00062263 Quick Heal (Latest Version) with One year License

**Schedule 13 Laser Printer**

Unit : NOS.

Resolution (in dpi)	Paper Size	Print Speed PPM (A4 Size)	Port	Memory (in MB)	Network Card 10/100	Duplexing
CA00062333	Mono 600x600	A4	14		1 USB NA	NA NA
CA00062334	Mono 600x600	A4	32		1 USB NA	Yes Yes
CA00062335	Mono 600x600	A4	18		1 USB NA	NA NA
CA00062336	Mono 600x600	A4	40		1 USB NA	Yes Yes
CA00062337	Mono 600x600	A4	26		1 USB NA	NA Yes
CA00062339	Mono 600x600	A4	26		1 USB NA	Yes Yes
CA00062340	Mono 600x600	A4	20		1 USB NA	NA
CA00062341	Mono 600x600	A4	20		1 USB NA	NA Yes
CA00062342	Mono 600x600	A4	20		1 USB NA	Yes
CA00062344	Mono 600x600	A4	25		1 USB NA	Yes Yes
CA00062345	Mono 600x600	A4	30		1 USB NA	Yes Yes
CA00062346	Mono 600x600	A4	34		1 USB NA	Yes Yes
CA00062347	Mono 600x600	A3	24		1 USB NA	Yes Yes
CA00062348	Mono 600x600	A3	40	NA	NA	Yes Yes
CA00062349	Colour 600x600	A4 16 BW and 4 C	1	USB 8	Yes	NA
CA00062350	Colour 600x600	A4 20 BW and C	1	USB 16	Yes	Yes
CA00062351	Colour 600x600	A4 8 BW and C	1	USB NA	NA	NA
CA00062352	Colour 600x600	A4 8 BW and C	1	USB NA	Yes	NA
CA00062354	Colour 600x600	A4 30 BW and C	1	USB 16	Yes	Yes
CA00062355	Colour 600x600	A3 20 BW and C	1	P 96	Yes	Yes

**Schedule 15 Dot Matrix Printer**

  
Incharge PS-V

Rate Contract No. PS-V/MKD/10-11/158/CS/ SSC/2128

Unit : NOS.

	Pin	Column	CPS at 10 cpi	Port
CA00062361	9	80	250	One parallel
CA00062362	9	136	300	One parallel
CA00062363	9	136	475	One parallel
CA00062364	24	80	300	One parallel
CA00062365	24	80	300	One parallel English and Devnagri script in-built
CA00062368	24	136	500	One parallel and one serial/USB

**Schedule 16 Line Matrix Printer**

Unit : NOS.

	Speed in LPM	Column	Port
CA00062369	500	132/136	One parallel and one serial
CA00062370	1000	132/136	One parallel and one serial
CA00062371	1500	132/136	One parallel and one serial
CA00062372	1800	132/136	One parallel and one serial

**Schedule 17 Pass Book Printer**

Unit : NOS.

Item  
CA00062373 24 pin Dot Matrix ,90 column ,300 CPS at 12 cpi in Draft Mode

**Schedule 18 Point Of Sale Printer**

Unit : NOS.

Type  
CA00062374 Dot Matrix with 9 pin, 40 column  
CA00062375 Thermal Line with 40 column

**Schedule 19 Document Scanner A4/Legal Size**

Unit : NOS.

	Resolution Networking in dpi	Speed in PPM	ADF Capacity	Flat Bed Size	Document Size
CA00062376	1200x1200	NA	NA	A4	A4

**Schedule 20 Bar Code Scanner**


Unit : NOS.

Type  
CA00062385 Portable Data Terminal with Docking Station  
CA00062386 Hand Held with KB wedge Interface with Imager scan System  
CA00062387 Hand Held with KB wedge Interface with Laser scan System  
CA00062388 Hand Held with USB Interface with Imager scan system

**Schedule 21 Bar Code Printer**

Unit : NOS.

Type Speed (ips)

  
Incharge PS-V

Rate Contract No. PS-V/MKD/10-11/158/CS/ SSC/2128

Note to RC Holders:

- (1) RC Holders shall indicate make, model and detailed specification of various items quoted to demonstrate compliance to the tender specification requirements.
- (2) RC Holders shall also furnish manufacturer's technical brochure for each item and shall submit authorization from the manufacturers to quote for their products.
- (3) RC Holders shall also submit proof of various certifications, as specified, indicating specific models and source website etc.
- (4) Tenders shall furnish a self certification from all the component OEMs for ROHS (Restriction of use of Hazardous Substances) compliance.
- (5) RC Holders 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, without which their offer will be considered incomplete and liable to be rejected.
  - a. Chipset
  - b. Processor
  - c. Monitor
  - d. Hard Disk Drive
  - e. Cooling Fan
  - f. Power Management Unit
- (6) RC Holders shall submit the necessary Certification/Documents along with their tender for the following without which their offer will be considered incomplete and liable to be rejected.
  - a. ROHS Compliance
  - b. Energy Star 5.0 Compliance
  - c. ISO 14001
  - d. TCO-05 Compliance (for Monitors)

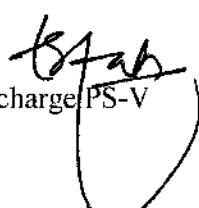
General Condition to the RC Holderss

1. RC Holderss shall be submit the undertaking in respect of on site Manufactures Warranty of Desktop, Server and Blade Server for the 3 years and rest of Items for 1 year.
2. RC Holders shall be submit the list of service centers Established in Chattisgarh State.

DETAILED SPECIFICATION**Schedule 01 Desktop Computer with Preloaded Operating System.**

Specification :

1. Intel Pentium Dual Core Processor Configuration


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- a. CPU : Intel Pentium Dual Core E 6500, 2.93 GHz, 2 MB L2 Cache and 1066 MHz FSB with Intel EM 64 T.
- b. Chipset : Intel 4 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 Express x 16.
- d. Memory : 1 GB 800 MHz DDR3 RAM with 4 GB Expandability.
- e. Hard Disk Drive : 250 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 43.2 cm (17 inch) TFT Digital Colour Monitor TCO-05 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 7 Professional / RHEL / SUSE Linux preloaded, as specified, with Media and Documentation and Certificate of Authenticity.
- o. OS Certifications : Windows 7 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 or McAfee or eTrust or e-Scan or Fore front or Trend Micro or PC Tool or Quick heal Antivirus (Latest Version) with 60 days License. (Included in case of Windows 7 only)

## 2. Intel Core 2 DUO Configuration

- a. CPU : Intel Core 2 Duo E7600, 3.06 GHz, 3 MB L2 Cache and 1066 MHz FSB.
- b. Chipset : Intel 4 series / nVidia GForce 7 series 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 1066 MHz DDR2 RAM with 4 GB Expandability.
- e. Hard Disk Drive : 320 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 47 cm (18.5 inch) TFT Digital Colour Monitor TCO-05 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.

  
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- Networking facility : 10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up.
- n. Operating System : Windows 7 Professional / RHEL / SUSE Linux preloaded, as specified, with media and Documentation and Certificate of Authenticity.
- o. OS Certifications : Windows 7 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 or McAfee or eTrust or e-Scan or Fore front or Trend Micro or PC Tool or Quick heal Antivirus (Latest Version) with 60 days License. (Included in case of Windows 7 only)

## 3. Intel v Pro Configuration

- a. CPU : Intel Core i5-650, 3.2 GHz, 4 MB L3 Cache.
- b. Chipset : Intel Q 57 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 1066 MHz DDR3 RAM with 8 GB Expandability.
- e. Hard Disk Drive : 320 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 47 cm (18.5 inch) TFT Digital Colour Monitor TCO-05 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 7 Professional / RHEL / SUSE Linux preloaded, as specified, with Media and Documentation and Certificate of Authenticity.
- o. OS Certifications : windows 7 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 or McAfee or eTrust or e-Scan or Fore front or Trend Micro or PC Tool or Quick heal Antivirus (Latest version) with 60 days License. (Included in case of windows 7 only)

## 4. Intel Celeron Dual Core Processor Configuration

- a. CPU : Celeron E3200, 2.4 GHZ or better with 1 MB L2 Cache Memory or better 800 MHZ FSB.



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- b. Chipset : Intel/VIA/ nvidia on OEM Motherboard.
- c. Bus Architecture : Integrated Graphics, 3 PCI/PCI Express.
- d. Memory : 1 GB DDR2 RAM 800 MHz with 4 GB Expandability.
- e. Hard Disk Drive : 160 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 47 cm (18.5inch) TFT Digital Colour Monitor TCO-05 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 : Windows 7 Professional / RHEL / SUSE Linux preloaded, as specified, with Media and Documentation and Certificate of Authenticity.
- o. OS Certifications : Windows 7 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 or McAfee or eTrust or e-Scan or Fore front or Trend Micro or PC Tool or Quick heal Antivirus (Latest Version) with 60 days License. (Included in case of Windows 7 only)

## 5. Intel Core 2010 Configuration

- a. CPU : Intel Core i3-530, 2.93 GHz, 4 MB L3 Cache and 1066 MHz FSB.
- b. Chipset : Intel 5 series 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 800 MHz DDR3 RAM with 8 GB Expandability.
- e. Hard Disk Drive : 320 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 47 cm (18.5 inch) TFT Digital Colour Monitor TCO-05 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 7 Professional / RHEL / SUSE Linux preloaded with Media and Documentation and Certificate of Authenticity.
- o. OS Certifications : windows 7 OS and Linux certification.



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- 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 or McAfee or eTrust or e-Scan or Fore front or Trend Micro or PC Tool or Quick heal Antivirus (Latest version) with 60 days License. (Included in case of windows 7 only)
6. AMD Sempron Processor Configuration
- a. CPU : AMD Sempron LE 140 ,2.7 GHZ, with 1 MB L2 Cache, 6.0 GTS System Bus.
- b. Chipset : AMD/ nVidia on OEM Motherboard.
- c. Bus Architecture : Integrated Graphics, 3 PCI/PCI Express.
- d. Memory : 1 GB DDR3 RAM 667 MHZ with 4 GB Expandability.
- e. Hard Disk Drive : 250 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 43.2 cm (17inch) TFT Digital Colour Monitor TCO-05 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 : windows 7 Professional / RHEL / SUSE Linux preloaded, as specified, with Media and Documentation and Certificate of Authenticity.
- o. OS Certifications : windows 7 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 or McAfee or eTrust or e-Scan or Fore front or Trend Micro or PC Tool or Quick heal Antivirus (Latest Version) with 60 days License. (Included in case of Windows 7 only)

## 7. AMD Phenom Dual Core Processor

- a. CPU : AMD Phenom II X2 545, 3 GHz Processor with 2 x 512 KB L2 Cache, 6 MB L3 Cache, 4000 MTS System Bus.
- b. Motherboard : AMD/nVidia/ GE Force 6 series or higher 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 1066 MHz DDR3 RAM with 8 GB Expandability.
- e. Hard Disk Drive : 320 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 47 cm (18.5 inch) Digital Colour Monitor TCO-05 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).



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- 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 7 Professional / RHEL / SUSE Linux preloaded, as specified, with Media and Documentation and Certificate of Authenticity.
- o. OS Certifications : Windows 7 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 or McAfee or eTrust or e-Scan or Fore front or Trend Micro or PC Tool or Quick heal Antivirus (Latest Version) with 60 days License. (Included in case of Windows 7 only)
8. AMD Athlon Dual Core Processor
- a. CPU : AMD Athlon II X2, 250, 3.0 GHZ Dual Core Processor with 2 x 128 KB L1 Cache, 2 x 1 MB L2 Cache Memory and 4000 MTS System Bus or better.
- b. Chipset : AMD780/ nvidia GE-FORCE 6 series 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 1066 MHZ DDR3 RAM with 4 GB Expandability.
- e. Hard Disk Drive : 320 GB 7200 rpm Serial ATA HDD.
- f. Monitor : 47 cm (18.5inch) TFT Digital Colour Monitor TCO-05 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 7 Professional / RHEL / SUSE Linux preloaded, as specified, with Media and Documentation and Certificate of Authenticity.
- o. OS Certifications : windows 7 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 or McAfee or eTrust or e-Scan or Fore front or Trend Micro or PC Tool or Quick heal Antivirus (Latest Version) with 60 days License. (Included in case of windows 7 only)
9. Small Form Factor and Energy efficient Intel Atom Processor Configuration
- a. CPU : Intel Atom D-410 (1.66 GHZ) with 512 KB L2 Cache memory.
- b. Motherboard : Intel NM 10 chipset with ITX OEM Motherboard.

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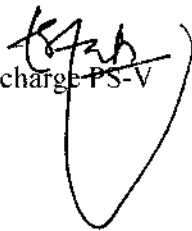
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- c. Bus Architecture : Integrated Intel Graphics nvidia accelerator 3150 1 PCI.
- d. Memory : 1 GB DDR2 RAM 667 MHZ with 2 GB Expandability.
- e. Hard Disk Drive : 160 GB Serial ATA HDD.
- f. Monitor : 47 cm (18.5 inch) Digital Colour Monitor TCO-05 certified g. Keyboard: 104 keys
- h. Mouse : Optical
- i. Bays : 1 X 3.5 Inch internal Bay.
- j. Ports : 4 USB Ports, 1 VGA and audio output port.
- k. Cabinet/Form Factor : Desktop/Mini ITX. The size should be less than 4 litres.
- l. Networking facility : 10/100 on board integrated Network Port.
- m. Operating System : Windows 7 Professional / RHEL / SUSE Linux preloaded, as specified, with Media and Documentation and Certificate of Authenticity.
- n. OS Certifications : Windows 7 OS and Linux certification.
- o. Power Management : Less than 65 watts input through power adapter.
- p. Preloaded Software : Norton or McAfee or eTrust or e-Scan or Fore front or Trend Micro or PC Tool or Quick heal Antivirus (Latest Version) with 60 days License. (Included in case of windows 7 only)

## 10. Intel v Pro Configuration with Small Form factor

- a. CPU : Intel Core i5-650, 3.2 GHZ, 4 MB L3 Cache.
  - b. Chipset : Intel Q 57 or better on OEM Motherboard.
  - c. Bus Architecture : 4 PCI (PCI/ PCI Express )
  - d. Memory : 2 GB 1066 MHZ DDR3 RAM with 8 GB Expandability.
  - e. Hard Disk Drive : 320 GB 7200 rpm Serial ATA HDD.
  - f. Monitor : 47 cm (18.5 inch) TFT Digital Colour Monitor TCO05 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 7 Professional / RHEL / SUSE Linux preloaded, as specified, with Media and Documentation and Certificate of Authenticity.
  - o. OS Certifications : Windows 7 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 or McAfee or eTrust or e-Scan or Fore front or Trend Micro or PC Tool or Quick heal Antivirus (Latest Version) with 60 days License. (Included in case of windows 7 only)
6. Multifunction ports : 2 Gigabit ports 7. Fiber channel ports : 2 Ports 4 Gb/s
8. Management : OS Independent hardware health status
9. Keyboard : Virtual KVM based remote Control
10. Power Management: Remote Power Control


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**Schedule 06 Add on Items for Desktop Computer.**

Specification:-

**Schedule 08 Add on Items for Blade Server Console**

Fiber Channel Pass Through for SAN connectivity.

Fiber Channel Pass Through for SAN connectivity to provide at least two number of 4 Gb/s ports from each blade server to an external SAN switch for 7/16 blade system.

Rack 42U with dual power inputs (PDUs) .

42U Rack with dual power inputs (PDUs) and Power cables with IEC 309 Connectors, perforated doors, both from front and rear, with locking facility, Cable Management Kit, Stability Kits to handle heavy Blade Chassis, servers and/or storages, Grounding Kit, 40 x 1U Blanking panels .

(I) TFT Monitor High resolution Graphics (1680x1050), 55.9 cm (22 inches)

- A. Type : Wide-Aspect Active Matrix (thin film transistor) TFT.
- B. Viewable Image Area (Diagonal): 55.9 cm (22 inches).
- C. Viewing Angle : 178° horizontal/178° vertical (10:1 minimum contrast ratio). D.
- Brightness : 300 nits (cd/m<sup>2</sup>).
- E. Contrast Ratio : 1000:1.
- F. Pixel Pitch : 0.282 mm.
- G. Colour Depth Support: 16.7 million colors.
- H. Signal Input : 1DVI-I connector, 1 Display Port connector; HDCP support.
- I. Response Rate : <6 ms (gray to gray), 16 ms (on/off).
- J. Cable Management & mounting: Rubberized cable management ducts on the stand and Quick Release kit.
- K. Accessories included: 1DVI cable, 1DVI-I to VGA cable, 1 Display Port cable, 1 USB cable, 1 power cable.
- L. Software included: Display Assistant Software, Pivot Pro software and Display Lite Saver software.

(II) TFT Monitor High resolution Graphics (1920x1200), 61 cm (24 inches)

- A. Type : Wide-Aspect Active Matrix (thin film transistor) TFT.
- B. Viewable Image Area (Diagonal): 61 cm (24 inches).
- C. Viewing Angle : 178° horizontal/178° vertical (10:1 minimum contrast ratio). D.
- Brightness : 400 nits (cd/m<sup>2</sup>).
- E. Contrast Ratio : 1000:1.
- F. Pixel Pitch : 0.270 mm.
- G. Colour Depth Support: 16.7 million colors.
- H. Signal Input : 2DVI-I, 1HDMI, 1Display Port, 1Component Video, 1 S -Video, and 1 Composite Video.
- I. Response rate : 6 ms (gray to gray); 12 ms (on/off).

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- J. Cable Management and mounting : Rubberized cable management ducts on the stand and Quick Release kit.
- K. Accessories included: DVI-I to VGA cable, DVI-D, HDMI, Display Port, USB cable, power cable.
- L. Software included: Display Assistant Software, Pivot Pro software and Display Lite Saver software.

## (III) TFT Monitor Large Format Display (1366x768) 812.8cm (32 inches)

- A. Diagonal Size : 812.8cm (32 inches)
- B. Type : S-PVA
- C. Resolution : 1366 x 768
- D. Pixel Pitch : 0.511(H) x 0.511(W)
- E. Brightness(Typical): 450cd/m<sup>2</sup>
- F. Contrast Ratio : 4000:1
- G. Dynamic C/R : 40000:1
- H. Viewing Angle H/V: 178/178
- I. Response Time(G to G): 8ms
- J. Colour Space : 720
- K. PC Input : VGA/DVI/PC(Support SOG)
- L. Video Input : CVBS/HDMI
- M. Bazel width : 42 mm or Lower
- N. Speaker : 5 W x 2
- O. VESA Mount : 200 mm x 200 mm
- P. Humidity : 10-500
- Q. Temp. normal : 10 degree C - 40 degree C
- R. Operating System: Window XP Embedded
- S. CPU : Athlon X2 Dual Core 4450e(2.3Ghz.)
- T. FDM : 4GB
- U. Memory : 1GB DDR2
- V. Ethernet : Gigabit LAN
- W. USB : 3 USB
- X. Features : Network System Information, Asset Management
- Y. Remote Control : Yes

## (IV) TFT Monitor Large Format Display (1920x1080), 1016cm (40 inches)

- A. Diagonal Size : 1016cm/40"
- B. Type : S-PVA
- C. Resolution : 1920 x 1080
- D. Pixel Pitch : 0.511(H) x 0.511(W)
- E. Brightness(Typical.) : 450cd/m<sup>2</sup>
- F. Contrast Ratio : 4000:1
- G. Dynamic C/R : 40000:1
- H. Viewing Angle H/V: 178/178
- I. Response Time(G to G): 8ms
- J. Colour Space : 72%
- K. PC Input : VGA/DVI/PC(Support SOG)
- L. Video Input : CVBS/HDMI
- M. Bazel width : 42mm or Lower
- N. Speaker : 10W x 2
- O. VESA Mount : 600 mm x 400 mm
- P. Humidity : 10-80%



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Q. Temp. normal : 10degree C - 40 degree C  
 R. Operating System: window XP Embedded  
 S. CPU : Athlon X2 Dual Core 4450e(2.3Ghz.)  
 T. FDM : 4GB  
 U. Memory : 1GB DDR2  
 V. Ethernet : Gigabit LAN  
 W. USB : 3 USB  
 X. Features : Network System Information, Asset Management  
 Y. Remote Control : Yes

(IV) TFT Monitor Large Format Display (1920x1080), 1016cm (46 inches)

A. Diagonal Size : 1168.4cm/46"  
 B. Type : S-PVA  
 C. Resolution : 1366 x 768  
 D. Pixel Pitch : 0.54(H) x 0.54(W)  
 E. Brightness(Typical.) : 700cd/m2  
 F. Contrast Ratio : 2000:1  
 G. Dynamic C/R : 5000:1  
 H. Viewing Angle H/V: 178/178  
 I. Response Time(G to G): 8ms  
 J. Colour Space : 72%  
 K. PC Input : VGA/DVI/PC(Support SOG)  
 L. Video Input : CVBS/HDMI  
 M. Bazel Width : 9mm or Lower  
 N. Speaker : 10w x 2  
 O. VESA Mount : 600 mm x 400 mm  
 P. Humidity : 10-80%  
 Q. Temp. normal : 10degree C - 40 degree C  
 R. Operating System: window XP Embedded  
 S. CPU : Athlon X2 Dual Core 4450e(2.3Ghz.)  
 T. FDM : 4GB  
 U. Memory : 1GB DDR2  
 V. Ethernet : Gigabit LAN  
 W. USB : 3 USB  
 X. Features : Network System Information, Asset Management  
 Y. Remote Control : Yes

(VI) Multimedia Print Reader

- Inbuilt Speakers
- Head Phones
- Lithium Ion Battery
- Recording Function
- 2 GB Memory
- USB Cable for Down Loading

**Schedule 09 In Lieu of Items for Desktop Computer**

Specification:-

**Schedule 12 Standard Software**

Specification:-


  
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1. All the standard software product shall be supplied with 1 year standard support.
2. Symantec AC for Networked Desktop Enterprise Edition shall be supplied with personal Firewall and IDS.
3. Some Applications are web enabled.
4. Some applications contain rich collection of reports and any more reports required by the organization could be added on implementation time of the project.

**Schedule 13 Laser Printer**

Specification:-

**Schedule 15 Dot Matrix Printer**

Specification:-

**Schedule 16 Line Matrix Printer**

Specification:-

**Schedule 17 Pass Book Printer**

Specification:-

Dot Matrix type (24 X12), 24 Pin 90 Column 300 CPS at 12 cpi in draft mode, (Buffer capacity to be specified by the RC Holders, automatic thickness adjustment, auto alignment, auto border, vertical and horizontal pass book handling, 1 Serial port and 1 USB Port/ Parallel port.

**Schedule 18 Point of Sale Printer**

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: 150 mm/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.

**Schedule 19 Document Scanner A4/Legal Size**

Specification :

**Schedule 20 Bar Code Scanner**

Specification :

(1) Portable Data Terminal with Laser Bar Code Scanner and Docking Station for charging, 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/ : 5 mil/6:6 to 10 cm and 13 mil/4:6 to 16 cm Depth of field
10. Compatibility with : UPC-A / UPC-E, EAN-8 / EAN-13, Symbology JAN-8 / JAN-13, CODE-39, CODE-128, CODE-93, Industrial codes, Inter leaved 2 of 5:

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## Rate Contract No. PS-V/MKD/10-11/158/CS/ SSC/2128

11. Ambient Light Immunity : 2500 Lux or more
12. Weight : Max 200 gms
13. Operating Temperature: 0-50 degree C
14. Interface : RS 232

## (2) Hand Held type Imager Scan System with KB wedge Interface:

1. Scan Rate & Decode Rate : 200 per second or more
2. System : Imager
3. Print Contrast Ratio : 35%
4. Resolution : 5 mil
5. Bar Code Density/ : 5 mil/9 cm and 13 mil/20 cm Depth of field
6. Compatibility with : UPC-A / UPC-E, EAN 13, JAN-13, CODABAR, Symbology ADD-ON-2, Add-ON-5, CODE-93 and Industrial Codes, Interleaved 2 of 5, EAN

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7. Interface : Key Board Wedge

## (3) Hand Held type Laser Scan System with KB wedge Interface:

1. Scan Rate : 42 Scan Lines per second or more
2. System : Laser
3. Print Contrast Ratio : 350
4. Resolution : 5 mil
5. Bar Code Density/ : 0 to 5:5 inch (13 mil) Depth of field
6. Compatibility with : UPC-A / UPC-E, EAN 13, JAN-13, CODABAR, Symbology ADD-ON-2, Add-ON-S, CODE-93 and Industrial Codes, Interleaved 2 or 5, EAN

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7. Interface : Key Board Wedge

## (4) Hand Held type Imager Scan System with USB Interface

1. Scan Rate & Decode Rate : 200 per second or more
2. System : Imager
3. Print Contrast Ratio : 350
4. Resolution : 5 mil
5. Bar Code Density/ : 5 mil/9 cm and 13 mil/20 cm Depth of field
6. Compatibility With : UPC-A / UPC-E, EAN 13, JAN-13, CODABAR, Symbology ADD-ON-2, Add-ON-5, CODE-93 and Industrial Codes, Interleaved 2 of 5, EAN

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- 7: Interface : USB

## (5) Hand Held type 2D Imager Scan System with USB Interface:

1. Light Source : LED 645 nm +/-7:5 nm
2. System : 2D Imager
3. Print Contrast Ratio : 200
4. Resolution : 5 Mil
5. Bar Code Density/ : 0 to 6 inch (13 mil) Depth of field:

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6. Compatibility with : Standard ID Bar code and Micro PDF, Symbology PDF 417, Data Matrix, QR code, UCC, EAN composites, Postais, Aztec:
7. Interface : USB

### Schedule 21 Bar Code Printer

#### Specification :

##### (i) 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

#### General Technical requirement For RC Holders :

#### 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 :

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

  
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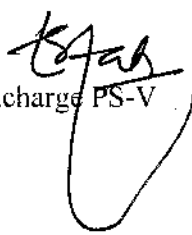


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- (C) Drop test should be conducted on all the six surfaces of the packaging with the systems & peripherals packed inside by dropping the same from a height of 1 m.  
Performance of the hardware shall be checked after conducting such tests with the 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 during each inspection.
- (E) Certifications required as per the specifications shall be checked/verified from source/website etc.
- (F) 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. Monitor
  - d. Hard Disk Drive
  - e. Cooling Fan
  - f. Power Management Unit
- For overall power consumption of the system supplier shall demonstrate the same during pre dispatch inspection and for the individual components firm shall produce data sheet of the OEMs as an evidence.
- (G) Supplier shall submit the necessary Certification/ Documents at the time of Registration and Inspection for the following.
- a. ROHS Compliance
  - b. Energy Star 5.0 Compliance.
  - c. ISO 14001
  - d. TCO-05 Compliance (for Monitors)

**General Condition to the RC Holderss**

1. RC Holderss shall be submit the undertaking in respect of on site Manufactures Warranty of Desktop, Server and Blade Server for the 3 years and rest of Items for 1 year.
2. RC Holders shall be submit the list of service centers Established in Chattisgarh State.

  
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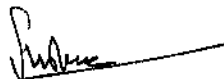
Rate Contract No. PS-V/MKD/10-11/158/CS/ SSC/2128

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Dated: 27-11-2010

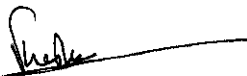
**SCHEDULE 'B'**  
**(SPECIAL CONDITIONS OF CONTRACT)**  
**COMPUTER SYSTEM**

----- NIL -----

  
(S.K. Sonwani)  
Incharge Marketing-1.

**SCHEDULE C****LIST OF PARALLEL RATE CONTRACT FOR COMPUTER SYSTEM**

S.No	Name of the Firm	Rate Contract No.
1	M/s Mini Infotech, Shop No.-03, Akbar Complex, Pachpedi Naka Chowk, Raipur (C.G.)	Rate Contract No. PS-V/MKD/10-11/158/CS/ MI/2129
2	M/s VPC Care, 99 pagaria Complex, Pandri Raipur (C.G.) Phone No.- 0771-4041669, 4059631	Rate Contract No. PS-V/MKD/10-11/158/CS/ VC/2130
3	M/s P.S.Associates, Flat no.201 Block-B Shilp Inkleb Batal House Behind sankar Nagar. Raipur (C.G.)	Rate Contract No. PS-V/MKD/10-11/158/CS/ PSA/2131
4	M/s Soumya Sales, Shop No. 2&3, Crystal Arcade, Awanti Bai Chowk , Rajeev Nagar, Raipur (C.G.)	Rate Contract No. PS-V/MKD/10-11/158/CS/ SS/2132
5	M/s Mitslri Infotech, Shop No.- 102 & 103 Crystal Archade Pandri- Shankar Nagar Road, Raipur (C.G.)	Rate Contract No. PS-V/MKD/10-11/158/CS/ MSI/2133
6	M/s Stream Softech Corporation, 21 Sarvodaya Nagar Hirapur Colony, PO Tatibandh, Raipur (C.G.)	Rate Contract No. PS-V/MKD/10-11/158/CS/ SSC/2128

  
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**SCHEDULE - D****FORMAT FOR QUATERLY DRAWAL REPORT**

Name of the Firm \_\_\_\_\_ Jan-Mar  
 Report No. \_\_\_\_\_  
 Rate Contract No. \_\_\_\_\_ Apr-June  
 July-Sept.  
 Date of Submission \_\_\_\_\_ Oct - Dec


Total Position of Order against Rate Contract till the submission of Report.

S.No.	Name of Department	Quantity and Value of Orders Received (Rs.)	Quantity and Value of Orders Executed (Rs.)	Balance Quantity and Value to be Supplied (Rs.)	Reasons

Foot 1. Value indicate should be  
 Total value inclusive of all  
 Taxes duties and incidental  
 Charges

a) Value of orders received during the quarter-Rs.  
 b) Value of orders supplied during the quarter-Rs.

2. Nil report should also be Submitted.

  
 (S.K. Sonwani)  
 Incharge Marketing-1