

# BIHAR RURAL DEVELOPMNET SOCIETY (BRDS)

2nd Floor, RED CROSS Building  
North of Gandhi Maidan  
Patna - 800001

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## CORRIGENDUM - I

Date: 14-01-2017


CEO, BRDS invited proposals from Agencies for "PROCUREMENT OF DESKTOPS, PRINTERS & ACCESSORIES FOR RDD (SUPPLY & INSTALLATION)" vide BID REFERENCE: NCB\_GD-2 dated 16th December, 2016 and proposals were due to receive on Jan 16, 2017 at 14.00 Hrs. A pre-bid meeting on the above assignment held on 02-01-2017 at BRDS office.

Corrigendum-I is being issued clarifying points raised by prospective bidders during the meeting or received through email. Subsequently some additional queries with reference to the Pre-bid Minutes are clarified and requirements / specifications are modified for encouraging more bidders to participate in bid. **All other conditions and Scope of work remain same as per the BID document.**

Corrigendum-I is also uploaded on Rural Development Department's website [rdd.bih.nic.in](http://rdd.bih.nic.in)

Following table brings out the dates and amendments for revised main events of the bidding process for this RFP. The bidder should note that the purchaser reserves the right to change the dates without assigning any reason at any stage of the bidding process.

S. No	Clause Reference	Original (As in Bid Document)	Amended (After Pre-Bid)
1	Section- II Bidding Data Sheet: ITB 22.1	The deadline for bid submission is: Date: <i>Jan 16, 2017</i> Time: 1400 Hrs.	The deadline for bid submission is: Date: <i>Jan 27, 2017</i> Time: 1400 Hrs.
2	Section- II Bidding Data Sheet: ITB 25.1	The bid opening shall take place at: Address same as 22.1 Date: <i>Jan 16, 2017</i> Time: 15:00 Hrs Electronic bidding is not permitted.	The bid opening shall take place at: Address same as 22.1 Date: <i>Jan 27, 2017</i> Time: 15:00 Hrs Electronic bidding is not permitted.
3	Section VII- Schedule of requirements; Technical Specification	Technical Specifications of Desktop, Printers, and UPS	Please refer attached Annexure -1 for amended specifications of Desktop, Printers and UPS.
4	MS-Office Pack License	Technical Specification	Please see Annexure-1 of the Corrigendum

  
(Sanjay Kumar Singh)  
DPD, BISPS

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**Clarification to queries on National Competitive Bidding Document (NCB\_GD-2):  
PROCUREMENT OF DESKTOPS, PRINTERS & ACCESSORIES FOR RDD (SUPPLY &  
INSTALLATION)**

S. No	Specification	Content of Bid Document requiring clarification	Clarification Sought	BRDS Response
1.	Processor	Intel® 6th Generation Core i5 Quad Core CPU with minimum clock speed of 3.2 GHz, 6MB Cache or better	Latest generation Intel vPro enabled Core i5 Quad Core 6 MB Cache 3.20 GHz or higher. Processor Details with Vpro enable : <a href="https://ark.intel.com/products/88184/Intel-Core-i5-6500-Processor-6M-Cache-up-to-3_60-GHz">https://ark.intel.com/products/88184/Intel-Core-i5-6500-Processor-6M-Cache-up-to-3_60-GHz</a>	No Change.
2.	Hard Disk Drive	1TB HDD, 7200 RPM, SATA III 6 Gbps, SMART IV	Remove SMART IV	Please refer Annexure 1 of the amendment. Changed to "1TB HDD, 7200 RPM, SATA III 6 Gbps"
3.	Optical Drive	8x Super Multi DVD Writer	Internal DVD R/W Drive. Remove Super Multi	Please refer Annexure 1 of the amendment. Changed to "8x DVDRW"
4.	Slots	Minimum 4 low profile PCI/PCIe Slots (3 x PCIe x1 and 1 x PCIe x16)	Minimum 2 no's (as customer asked for SFF , we have max 2 slots 1 half height PCIe x16 1 half height PCIe x4) our SFF volume is 7.8 L	Please refer Annexure 1 of the amendment. Changed to 'Minimum 4 low profile PCIe Slots'
5.	Bays	Minimum 5 bays with at least (2) 3.5" Drive bays & (1) ODD bay	Minimum 2 no's (as customer asked for SFF , we have max 2 Bays 1 internal 3.5" HDD (convertible to 2 2.5" HDD) 1 external slim ODD) our SFF volume is 7.8 L	No Change.
6.		3.5mm headphone output and microphone jack	3.5mm headphone output and microphone jack or Universal combo audio jack	No Change.
7.	Power Supply	not more than 300W active PFC Power Supply	not more than 300W active PFC Power Supply with 92%	Any value below 300W is acceptable. So No change.

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S. No	Specification	Content of Bid Document requiring clarification	Clarification Sought	BRDS Response
			Efficient power supply	
8.	Keyboard/ Mouse	PS/2 104 keys keyboard (same make as PC)	PS2/USB Keyboard (104 Keys , same OEM make as PC)	For Security reasons and to restrict Data theft, sometimes we may need to disable the USB Ports. So PS2 port needed. Hence No Change.
9.		PS/2 2 Button Scroll Mouse (same make as PC)	PS2/USB Mouse (104 Keys , same OEM make as PC)	-DO-
10.	Operating System	Genuine Microsoft Windows 10 pro 64 Bit	OEM Pre-loaded Genuine Microsoft Windows 10 pro 64 Bit with recovery media and driver CD	Please refer Annexure 1 of the amendment. Changed to "Genuine Microsoft Windows 10 pro 64 Bit with recovery media and driver CD"
11.		Support for chassis padlocks and cable lock devices	Support for chassis padlocks /cable lock devices	No Change.
12.		Green Peace rating of 5.5 and above	Remove Green Peace (as green Peace is no longer valid )	Please refer Annexure 1 of the amendment. "Green Peace rating of 5.5 and above" Removed.
13.	Market Credibility	The OEM vendor should be of positive net worth for the last three years	The OEM should be a Profit making organization for last 3 years. Remove Net worth	Please refer Annexure 1 of the amendment. Changed to "The OEM should be a Profit making organization for last 3 years."
14.	Warranty	5 Years Warranty	3 years On-site Comprehensive OEM Warranty (OEM supplied model Warranty must be visible in OEM website in respect to each product serial number)	Please refer Annexure 1 of the amendment. Changed to "5 years On-site Comprehensive OEM Warranty (OEM supplied model Warranty must be visible in OEM website in respect to each product serial number)"
15.	Chipset	Intel Q150 chipset or	Request to mention "B150 /Q150" OR move to Q170	It is mentioned "Intel Q150 chipset or higher".

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S. No	Specification	Content of Bid Document requiring clarification	Clarification Sought	BRDS Response
		higher	which is available to every Vendor. OR you can mention "Chipset compatible to the Processor"	So Q170 or higher versions are also qualified. Hence No Change.
16.	Slots	Minimum 4 low profile PCI/PCIe Slots (3 x PCIe1 and 1 x PCIe16)	The particular term is Specific to one OEM (M/S HP) . We request to make it generic and mentioned "4 PCI/PCI express Slots"	Please refer Annexure 1 of the amendment. Changed to 'Minimum 4 low profile PCIe Slots'
17.	Ports	(2) PS/2 keyboard and mouse ports	PS2 Port is end of Life Technology and no more available.	For Security reasons and restrict Data theft, sometimes we may need to disable the USB Ports. So no Change.
18.	Power Supply	not more than 300W active PFC Power Supply	Please amend the same to "Minimum 250W or 300 W power supply"	Any value below 300W is acceptable. So 250W is by default covered in that. No change.
19.	Compliance And Certification	Energy Star ver 6 EPEAT Certified for India Green Peace rating of 5.5 and above	Green Peace is not recognized by the Govt of India , though Request to make Green Peace rating of 5.0 or above	Please refer Annexure 1 of the amendment. "Green Peace rating of 5.5 and above" Removed.
20.	Support	Drivers should be available or download from OEM site for at least 3 years from the date of purchase order	Drivers will be provided in the form of CD/DVD	Please refer Annexure 1 of the amendment. Changed to "Drivers should be available for download from OEM site for at least 3 years from the date of purchase order. Also Drivers will be provided in the form of CD/DVD."
21.	Monitor	21" LED TFT Monitor	21.5" WIDE LED Monitor with TCO Certification	Please refer Annexure 1 of the amendment. Changed to '21.5" WIDE LED Monitor'
22.	Slots	Minimum 4 low profile PCI/PCIe Slots (3 x PCIe1 and 1 x PCIe16)	Since you have asked for SFF (7.8 L Volume) the maximum slots could be provided as 2 slots 1 half	Please refer Annexure 1 of the amendment. Changed to 'Minimum 4

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S. No	Specification	Content of Bid Document requiring clarification	Clarification Sought	BRDS Response
			height PCIe x16 1 half height PCIe x4)	low profile PCIe Slots'
23.	Bays	Minimum 5 bays with at least (2) 3.5" Drive bays & (1) ODD bay	Since you have asked for SFF (7.8 L Volume) the maximum Bays could be provided as 2 Bays 1 internal 3.5" HDD (convertible to 2 2.5" HDD) 1 external slim ODD)	No Change
24.	Ports	3.5mm headphone output and microphone jack	Universal combo audio jack may also be kindly allowed.	No Change
25.	Keyboard/ Mouse	PS/2 104 keys keyboard (same make as PC)	PS2/USB Keyboard (104 Keys, same OEM make as PC) - PS2 is now obsolete.	For Security reasons and restrict Data theft, sometimes we may need to disable the USB Ports. So no Change.
26.		PS/2 2 Button Scroll Mouse (same make as PC)	PS2/USB Mouse (104 Keys, same OEM make as PC) PS2 is now obsolete.	For Security reasons and restrict Data theft, sometimes we may need to disable the USB Ports. So no Change.
27.	Security	Support for chassis padlocks and cable lock devices	Support for chassis padlocks /cable lock devices	No Change. Both are required.
28.	Slots	Minimum 4 low profile PCI/PCIe Slots (3 x PCIex1 and 1 x PCIex16	The particular term is Specific to one OEM (M/S HP) . We request to make it generic and mentioned "4 PCI/PCI express Slots"	Please refer Annexure 1 of the amendment. Changed to 'Minimum 4 low profile PCIe Slots'
29.	Pg.73- 2. Printers	Standard print languages-- PCLm/PCLmS	Request you change the language to a common language- Host Based language.. As on date all AiOs in the market are enabled with this and can do the office task smoothly. PCLm is the new developed for mobile and it is not will all brands. Besides all docs like PDF or word can be opened	Please refer Annexure 1 of the amendment. Standard print languages Changed to "Host Based language."

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S. No	Specification	Content of Bid Document requiring clarification	Clarification Sought	BRDS Response
			in mobile...it doesn't need PCLm to open and read the doc.	
30.	Pg.73- 2. Printers	Printer management HP Device Toolbox; - Status alerts (default install)	Request you to remove this specification as this is too detailed and of one particular OEM that you have mentioned here. Removal of this will let other OEM also qualify for the printer	Please refer Annexure 1 of the amendment. Changed to "Printer management Toolbox - Status alerts (default install)"
31.	Pg.73- 2. Printers	Media type Paper-- (plain, LaserJet), envelopes, transparencies, labels, postcards	Request you to remove transparencies as this is an old method of projecting thru OHP machines. These days anyways OHP machines are not used. And also because of the technology advancement in having a faster first page out, fusers temperature are kept high and hence it is not recommended for plastic like transparencies sheets.	No Change
32.	Pg 59- Manufactures Authorization Certificate	Manufactures Authorization Certificate format.	Request you to remove the word "full guarantee". OEM only provides warranty. For tenders, in general, bidders provide the guarantee in the form of PBG	Please refer Annexure 1 of the amendment. Changed to "We hereby extend our full warranty..."
33.	Intel® 6 <sup>th</sup> Generation Core i5 Quad Core CPU with minimum clock speed of 3.2 GHz, 6MB Cache or better	Mentioning a particular brand i.e. Intel's i5 not only promotes a particular brand at the expense of the Govt. but also eliminates possibility of OEMs to quote for AMD based Desktops thereby restricting fair competition in the Processor category. Since large part of this	Intel 6th Generation Intel Core i5 / AMD APU A10 with minimum 3.2 GHz, Quad Core or higher	No Change.

S. No	Specification	Content of Bid Document requiring clarification	Clarification Sought	BRDS Response
		<p>project is having a considerable amount of Desktops, therefore allowing only Intel/ specific brand may make price go higher by at least 10%-20%. AMD is a NASDAQ listed globally 2nd largest x86 processor manufacturer. Various Govt. Depts. World Bank Projects and Banks are already using AMD based PCs and time &amp; again they had incorporated both AMD and Intel in their tender specifications which allowed better &amp; wider participation in terms of choice of microprocessors. Both AMD and Intel follow two different Architectures and offers computational power from different aspects. Like AMD APU A10 Processor offers 10 Compute Cores (4CPU + 6GPU) as against Intel's i5.</p>		
34.	Intel Q150 Chipset	Mentioning a particular brand's chipset will only allow monopoly. Both AMD and Intel has their own compatible chipset.	Intel Q150 Series / AMD B Series Chipset	No Change.
35.	Battery Capacity	12V, 7AH	To provide 30 minutes of uninterrupted Power Supply at least 2 Batteries are required	Please refer Annexure 1 of the amendment. Changed to 2 X (12V, 7AH)
36.	Capacity	600VA	Batteries 2 X (12V, 7AH) will provide higher Power so it	Please refer Annexure 1 of the amendment.

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S. No	Specification	Content of Bid Document requiring clarification	Clarification Sought	BRDS Response
			should be changed to 1 KVA	Changed to "1KVA"
37.	Warranty Period	5 Years Warranty	Needs to be more specific if Battery Warranty also required or not	Please refer Annexure 1 of the amendment. Changed to "5Years of Warranty for both UPS & Battery" including one time guaranteed replacement of Battery during the warranty Period. If Battery don't work then vendor may need to replace the battery again
38.	MS- Office Pack (10 Pro)	Ms -office License	The MS- Office license should be in the name of purchaser or supplier?	The MS- Office License should be in the name of Purchaser.

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## Annexure-1

### Amendments in Specifications of Desktop, Printers and UPS

1. Desktop		
Sl. No.	Specification	Details
1	Processor	Intel® 6 <sup>th</sup> Generation Core i5 Quad Core CPU with minimum clock speed of 3.2 GHz, 6MB Cache or better
2	Chipset	Intel Q150 chipset or higher
3	Motherboard	OEM Motherboard with OEM logo embossed on the motherboard (No Sticker)
4	Memory	16 GB DDR4 RAM expandable to 64GB; Four DIMM slots; Non-ECC dual-channel up to 2133 MT/s DDR4 SDRAM
5	Hard Disk Drive	1TB HDD, 7200 RPM, SATA III 6 GBPS
6	Optical Drive	8 x DVDRW
7	Graphics	Integrated HD Graphics
8	Audio	High Definition Integrated Audio with Internal Speaker
9	Ethernet	Integrated Gigabit (10/100/1000 NIC) LAN
10	Slots	Minimum 4 low profile PCIe Slots
11	Bays	Minimum 5 bays with at least (2) 3.5" Drive bays & (1) ODD bay
12	Ports	Front I/O (2) USB 2.0 ports, (2) USB 3.0 Ports 3.5mm headphone output and microphone jack Rear I/O (2) USB 2.0 ports, (4) USB 3.0 Ports (1) VGA video port; (2) Display Port/DVI-D Port (1) RJ-45 network connector (1) RS-232 serial port 3.5mm audio in/out jacks (2) PS/2 keyboard and mouse ports
13	Form Factor	SFF (Small Form Factor)
14	Power Supply	not more than 300W active PFC Power Supply
15	Keyboard/Mouse	PS/2 104 keys keyboard (Same make as PC) PS/2 2 Button Scroll Mouse (Same make as PC)
16	Operating System	Genuine Microsoft Windows 10 pro 64 Bit with recovery media and driver CD
17	Diagnostic Tool	Inbuilt Pre-Boot BIOS Diagnostics (same OEM make, no 3 <sup>rd</sup> party)
18	Security	TPM 1.2 Security Chip

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1. Desktop		
		SATA port disablement (via BIOS) Serial, parallel, USB enable/disable (via BIOS) Optional USB Port Disable at factory (user configurable via BIOS) Removable media write/boot control Power-On password (via BIOS) Administrator password (via BIOS) Setup password (via BIOS) Support for chassis padlocks and cable lock devices
20	Compliance And Certification	Energy Star ver 6 EPEAT Certified for India
21	System Weight / Volume	Weight should be no more than 8 KG and volume no more than 13L
22	Information Accessibility	Product details, specifications and brochure to be available in public domain
23	Support	Drivers should be available for download from OEM site for at least 3 years from the date of purchase order
24	Market Credibility	The OEM should be a Profit making organization for last 3 years
25	Warranty	5 years Warranty from OEM
26	Monitor	21.5" LED TFT Monitor

2. Software requirements		
S. No	Requirement	Description
1	All the PC should be preloaded with MS-office Pack (Latest Version)	The license of the MS-Office Software should be in the mane of the purchaser.

3. PRINTER		
Sl. No.	Specification	Details
1	AIO functions Print, copy, scan	Print, copy, scan; AIO multitasking supported: Yes
2	Duplex print options	Manual (driver support provided)
3	Print speed1 Black (A4)	Up to 20 ppm
4	First page out Black (A4, ready)	As fast as 9.5 sec

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3. PRINTER		
Sl. No.	Specification	Details
5	Print technology	Laser
6	Print resolution Black (best)	Up to 600 x 600 dpi
7	Standard print languages	Host Based language
8	Printer management Toolbox;	Status Alerts (default install)
9	Scan speed	Up to 7 ppm (b&w), up to 5 ppm (color)
10	Scan type	Flatbed
11	Scan technology	Contact Image Sensor (CIS)
12	Scan resolution Hardware	Up to 1200 x 1200 dpi; Optical: Up to 1200 dpi; Enhanced: Up to 1200 dpi
13	Scan file format Windows Scan Software supports file format	JPG, RAW (BMP), PDF, TIFF, PNG; Mac Scan SW supports file
14	format	TIFF, PNG, JPEG, JPEG-2000, PDF, PDF-Searchable, RTF, TXT
15	Scan size maximum Flatbed	216 x 297 mm (8.5 x 11.7 in)
16	Bit depth/Grayscale levels	24 bit/256
17	Copy speed <sup>3</sup> Black (A4)	Up to 20 cpm
18	Copy resolution Black (graphics)	Up to 400 x 600 dpi; Color (text and graphics): Up to 400 x 600 dpi
19	Maximum number of copies	Up to 99 copies
20	Copier reduce enlarge	25 to 400%
21	Standard connectivity	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port; built-in WiFi 802.11b/g/n
22	Network capabilities	Via built-in 10/100 Base-TX networking
23	Network ready Standard	(built-in Ethernet, WiFi 802.11b/g/n)
24	Wireless capability	Yes, built-in WiFi 802.11b/g/n
25	Memory	128 MB
26	Processor speed	600 MHz
27	Duty cycle <sup>4</sup>	Up to 8,000 pages
28	Recommended monthly page volume	Up to 250 to 2,000 pages
29	Paper handling	
30	Input	150-sheet input tray
31	Output 100	100-sheet face-down bin
32	Media type Paper	(plain, LaserJet), envelopes, transparencies, labels, postcards

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4. UPS (1KVA)		
Sl. No.	Specification	Details
1	Input Voltage	150 to 280VAC
2	Output Voltage	220 VA $\pm$ 10%, 50 $\pm$ 0.5Hz
3	Capacity	1KVA
4	Nominal Frequency	50Hz
5	Battery Capacity	2 X (12 V, 7 AH)
6	Battery Type	Sealed, Maintenance-free lead acid
7	Backup time	30-45 minutes
8	Alarms	Mains Fail, Battery Low, Overload
9	Protection	Under/ Over Voltage, Spike/ Surge Suppression, Overload, Short circuit
10	Others	Automatic Voltage Regulator, EMI/RFI suppression, Line interactive.
11	Warranty Period	5 Years warranty on both UPS and Battery. It also includes onetime guaranteed Battery replacement. If the battery becomes non-functional then within 5 years period it needs to be replaced again.

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