



Bharat Heavy Electricals Limited
Information Technology Centre, HEEP, Ranipur, Haridwar-249403
UTTARAKHAND (INDIA)
Phone: 01334-284064, FAX: 223948 E-mail: sougata@bhelhwr.co.in

Ref: HW/ITX/2/1358

Date: 02.03.2016

Subject: Tender for Supply, Installation, Commissioning and Maintenance of Computer Hardware at BHEL Haridwar under Five Year Lease Basis.

Dear Sir / Madam,

1. BHEL, Haridwar plans to procure computer hardware comprising of PCs, servers, & peripherals as per the tentative scope of supply enclosed. The tender document comprises of following:

Annexure I	Technical Pre-qualification Compliance Sheet.
Annexure II	Technical Specifications
Annexure III	Scope of Work and Terms & Conditions
Annexure IV	Technical Specifications Compliance Sheet
Annexure V	Format of Certificate by Chartered Accountant on letter head
Annexure VI	List of Old Hardware for Buyback
Annexure VII	Integrity Pact
Annexure VIII	Price Bid Sheet
Annexure IX	No Deviation Certificate

2. You are requested to submit techno-commercial offer in two parts in the enclosed formats strictly as per the scope of supply indicated therein. The tender offer should be sealed in two separate envelopes with 'Techno-commercial Bid' / 'Price Bid', tender no., opening date duly super scribed on the envelopes.
3. The techno-commercial bid envelope should enclose your technical offer, technical pre-qualification compliance sheet (Annexure I), terms and conditions (Annexure-III) technical compliance (Annexure IV), Integrity Pact (Annexure VII), Unpriced Price Bid (Annexure VIII) and No Deviation Certificate (Annexure IX) duly signed and stamped. **All documents/ certificates / data sheets required as per requirement of various annexures must be submitted in the Techno-commercial bid.** Make/model of each item should be mentioned in technical compliance sheets (Annexure IV). The Earnest Money Deposit (EMD) and tender document fee will also be submitted alongwith this part of bid.

The price bid envelope should enclose Annexure VIII only.

4. Bidder must meet prequalification criteria as per Annexure-I. The offers not meeting these criteria will not be evaluated further and will be rejected summarily.
5. The technical bids will be opened on the last day of bid submission at 2.00 P.M. in the presence of the tenderers or their authorised representatives who may like to be present. Incomplete offers are liable to be rejected.



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6. **Earnest money of Rs. 2,00,000 and tender document charges of Rs. 2000/-** in the form of demand draft (two separate drafts) in favour of BHEL, Haridwar or cash deposit (to the extent admissible in Income Tax Act) with Accounts officer, BHEL, Ranipur, Haridwar is to be furnished with the tender offer. BHEL reserves the right to reject any or all tenders without assigning any reason there-of. BHEL will not be responsible for any postal delay. EMD of unsuccessful vendors will be refunded within 15 days of awarding the tender.
8. The offers in sealed envelopes (as stated in para-2 above) should be submitted latest by **01:45 P.M. on 01/04/2016** at the following address:

**Head of Material Management
Heavy Electricals Equipment Plant
Bharat Heavy Electricals Limited
Ranipur Haridwar (Uttarakhand)
PIN – 249403**

IMPORTANT: Any format not properly filled, partially filled or not filled will make the offer liable for rejection. Any vagueness / incomplete detail in the offers shall make it liable to be rejected as these shortcomings in the offers shall be interpreted as incompetence on the part of vendor to meet the requirements of BHEL. In case vendors are not clear on any aspect of the tender specifications, their competent representative can visit Information Technology Centre at BHEL Haridwar (with prior intimation) on any working day to get the necessary clarification from the concerned executives.

Checklist for submitting the bid is as under:

To be submitted with Techno-commercial Bid

Sl.	Annexure	Description	Remarks
1		Index Page with Page nos	Index Page having page nos of pages on which Annexures are attached
2		Your Techno-Commercial Offer	Signed / stamped copy
3	Annexure I	Technical Pre-qualification Compliance Sheet.	Signed / stamped copy All referred documents/proofs to be submitted.
4	Annexure III	Scope of Work and Terms & Conditions	Signed / stamped copy
5	Annexure IV	Technical Specifications Compliance Sheet	Signed / stamped copy All referred documents / data sheets to be submitted ONLY ONE Make / Model of item to be quoted against any item type.
6	Annexure V	Format of Certificate by Chartered	If applicable



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		Accountant on letter head	
7	Annexure VI	List of Old Hardware for Buyback	Signed / stamped copy
8	Annexure VII	Integrity Pact	Signed / stamped copy
9	Annexure VIII	Unpriced Price Bid	Signed / stamped Copy. Mention all applicable taxes without mentioning the prices
10	Annexure IX	No Deviation Certificate	Signed / stamped copy
11		EMD & Tender fee	Two separate drafts (if applicable

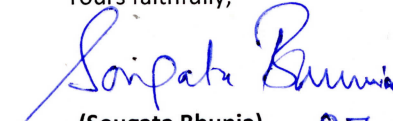
To be submitted with Price Bid:

Sl.	Annexure	Description	Remarks
1	Annexure VIII	Price Bid	In a separate sealed envelope

Note: Documents submitted with the offer must be signed and stamped in each page by authorized representative of the bidder.

Thanking you,

Yours faithfully,


(Sougata Bhunia)
Dy. Manager (ITX) 07.03.16


Tender No :HW/ITX/2/1358 Dated:02.03.2016
Annexure I - Technical Pre Qualification Compliance Sheet

Note The vendor shall state in the "Compliance" column Y (yes) or N (no) and submit relevant documents.

Sl. No.	Description	Compliance (Y/N)
1	Authorization from respective OEMs, for items quoted in the tender (Sl. No. 1 to 12 of Annexure II), to be obtained by the bidder. The authorization letters, specific to this Tender should to be submitted as proof.	
2	<p>The bidder or its parent/subsidiary company should have successfully executed (completion of supply and installation) similar contracts during last seven years ending 31/01/2016 in any of the following:</p> <p>1. One Lease Contract of minimum value Rs. 4 Crores or One Outright Purchase Contract of minimum value Rs. 2.5 Crores</p> <p>or</p> <p>2. Two Lease Contracts each of minimum value Rs. 2.5 crores or Two Outright Purchase Contracts each of minimum value Rs. 1.6 Crores</p> <p>or</p> <p>3. Three Lease Contracts each of minimum value Rs. 2 crores or Three Outright Purchase Contracts each of minimum value Rs. 1.2 Crores</p> <p>Similar contract means successful supply and installation of any one or combination of IT equipment like PCs, Laptops, Peripherals, Workstations, Server, Storage, Networking equipment. Vendor shall submit proof of such contracts (Purchase Order and Completion Certificate). Customers' contact details like name, designation, phone no., email address etc are to be provided.</p>	
3	<p>The Bidder should have an average annual turnover of at least Rs. 1.6 crores for the last 3 financial years. Authorized Details/Audit Sheet for last 3 years 2012-2013, 2013-2014, 2014-2015 to be enclosed.</p> <p>If the bidder is a subsidiary or a holding company consolidated accounts shall be considered based on consolidated statement of accounts as per Indian Accounting Standard-27(IAS-27). In case of Bidder forming part of Group Company which is not in a position to submit consolidated statement of accounts as per IAS-27 separate accounts shall be considered.</p>	
4	OEMs of quoted products (Sl. No. 1 to 10 of Annexure II) should have registered office and service centres in India. Relevant documents to be submitted as proof.	

Tender : HW/ITX/2/1358 Date : 02.03.2016

Annexure II - Technical Specifications

Sl. No.	Item	Quantity
1	Desktop	394
1	Processor	Intel® 6th Generation Core i5 6500 or Equivalent / Higher. Equivalence of the CPU to be confirmed by SPEC_INT Rate 2006 (base) Note: If the processor quoted is other than Intel 6th generation Core i5 6500, name of the processor be specified and latest documentary evidence for baseline score from benchmark SPECint_rate2006) should be submitted to confirm that the proposed processor is rated either equal or higher than Intel Core i5 6500. Bidder should provide the published benchmark results and full disclosure report
2	Motherboard	OEM Motherboard
3	Chipset	Matching Intel Q Series Chipset for the quoted Processor or Equivalent / Higher
4	RAM	4GB DDR4 (in a single module) with support upto 16GB or higher Total Four DIMM slots
5	HDD	500GB 7200 RPM 3.5" SATA Hard Drive with SMART (Self Monitoring, Analysis and Reporting Technology) feature or higher
6	Optical Drive	8X or more OEM DVD +/-RW Drive
7	Monitor	OEM make LED Backlit 18.5 inch, Energy Star compliant.
8	Graphics	latest Onboard Graphics feature
9	Keyboard	Minimum 104 keys (Same make as PC)
10	Mouse	2/3 Button Optical Scroll Mouse (Same make as PC)
11	Audio	Integrated High Definition audio with internal speakers and volume control
12	Ethernet	Integrated (on-board) 100/1000Mbps RJ45 port with WOL, PXE (or equivalent), ASF (Alert Standard Format) OS independent software to monitor & analyse network connection.
13	PCI Slots	Minimum 2 PCIe Slots
14	Ports	Front: Minimum One port of USB 2.0, One port of USB 3.0, a headphone output and a microphone jack Rear: Six USB Ports with min. two USB 3.0 ports, RJ- 45 network interface and 3.5mm audio in/out jacks, one VGA port, one parallel port (on board or PCI).
15	Software	Windows 10 Professional 64 bit with latest service pack / patches, a software to provide data recovery to restore user data, settings, applications and Operating System in the event of a software crash or virus infection. The latest system drivers should be available on OEM's website for the entire lease period.
16	Form Factor	Small Form Factor
17	Diagnostic	OEM's Diagnostic tool for hardware diagnostics
18	Security	Removable media boot control, Serial, Parallel & USB Interface Control, Power-On Password, Setup Password, should give alert on management console and desktop on tampering the system. Should come with integrated Trusted Platform Module (TPM)1.2 Security Chip. Chassis with Locking feature.
19	Certifications	OS Certification from Microsoft
		RoHS Compliant
		Energy Star 5.0 compliant or higher
20	Warranty	OEM warranty (labour, parts, on-site) for the entire contract period

2	SERVER - Type 1	9
1	Mounting	Rack Model
2	Height	Max 2U

3	Processor	2 Nos. of Intel Xeon E5-2630 v3 processors or equivalent / higher Equivalence of the CPU to be confirmed by SPEC CPU Rate 2006 (base) (60% of SPEC Int Rate base2006 plus 40% of SPEC fp Rate base2006 scores - tested with 128GB RAM) Note: If the processor quoted is other than Intel Xeon E5-2630 v3 processor, name of the processor be specified and latest documentary evidence for SPEC CPU Rate 2006 (base) (60% of SPEC Int Rate base2006 plus 40% of SPEC fp Rate base2006 scores - tested with 128GB RAM) should be submitted to confirm that the proposed processor is rated either equal or higher than Intel Xeon E5-2630 v3. Bidder should provide the published benchmark results and full disclosure report
4	No of Processors	2 Processors Populated
5	Chip Set	Intel C610 Chipset or Equivalent / Higher
6	CPU Cache	20 MB Cache or higher
7	RAM	Configured with 24GB DDR4 expandable up to 64GB
8	Extension Slots	Minimum 3 or more PCI/PCI-e type slots. With Min 1 to be free for future expansion
9	HDD	6X 300GB 15k or higher SAS hot-plug HDD or better Disk bays capacity for 8 SAS hot pluggable SAS drives or greater. Each disk bay should support upto 2 TB of HDD. SAS-RAID Controller with 512MB BBW cache and should support RAID 0, 1, 1+0, 5. Up to 8 HDDs
10	Internal HDD bays	8 or more hot plug drive bays
11	DVDROM	8x or higher DVD-CDRW Combo Drive
12	LAN Card	2 Nos. of separate 10/100/1000 Ethernet Cards each with 2 ports (with at least 1 card on board)
13	Power Supply	Should come with Hot Pluggable & Redundant Power Supply
14	Fans	Hot pluggable redundant fans
15	OS & Virtualization Software Support	Windows Server RHEL Vmware Bare Metal Hypervisor (Windows / Vmware)
16	Certifications	For OEM : ISO 9001 (Latest version)
17		ERTL/FCC-EMC Class A or Class B
18		Latest version of IEC-60950-1 / IS 13252 / UL-60950
19		ACPI compliant
20		RoHS compliant
21	Management	Server OEM Browser based Management Software for Monitoring, Managing and Configuring Servers. Support for heterogeneous operating environments - Microsoft Windows, Linux.
22	Warranty	OEM onsite , labour , parts warranty for the entire lease period

3	SERVER - Type 2		2
1	Mounting	Rack Models	
2	Height	Max 4U	
3	Processor	2 Nos. of Intel Xeon E5-2690 v3 processors or equivalent / higher Equivalence of the CPU to be confirmed by SPEC CPU Rate 2006 (base) (60% of SPEC Int Rate base2006 plus 40% of SPEC fp Rate base2006 scores - tested with 128GB RAM) Note: If the processor quoted is other than Intel Xeon E5-2690 v3 processor, name of the processor be specified and latest documentary evidence for SPEC CPU Rate 2006 (base) (60% of SPEC Int Rate base2006 plus 40% of SPEC fp Rate base2006 scores - tested with 128GB RAM) should be submitted to confirm that the proposed processor is rated either equal or higher than Intel Xeon E5-2690 v3. Bidder should provide the published benchmark results and full disclosure report	
4	No of Processors	2 Processors Populated	

5	Chip Set	Intel C610 Chipset or Equivalent / Higher
6	CPU Cache	30 MB Cache or higher
7	RAM	Configured with 128GB DDR4 expandable up to 256GB
8	Extension Slots	Minimum 5 or more PCI/PCI-e type slots. With Min 3 to be free for future expansion
9	HDD	2x300GB 15k or higher and 8x600GB 15k or higher SAS hot-plug HDD or better. Disk bays capacity for 16 SAS hot pluggable SAS drives or greater. Each disk bay should support upto 2 TB of HDD. SAS-RAID Controller(s) with 512MB BBW cache and should support RAID 0, 1, 1+0, 5. Up to 16 HDDs
10	Internal HDD bays	8 or more hot plug drive bays
11	DVDROM	8x or higher DVD-CDRW Combo Drive
12	LAN Card	2 Nos. of separate 10/100/1000 Ethernet Cards each with 2 ports (with at least 1 card on board)
13	Power Supply	Should come with Hot Pluggable & Redundant Power Supply
14	Fans	Hot pluggable redundant fans
15	OS & Virtualization Software Support	Windows Server RHEL Vmware Bare Metal Hypervisor (Windows / Vmware)
16	Certifications	For OEM : ISO 9001 (Latest version)
17		ERTL/FCC-EMC Class A or Class B
18		Latest version of IEC-60950-1 / IS 13252 / UL-60950
19		ACPI compliant
20		RoHS compliant
21	Management	Server OEM Browser based Management Software for Monitoring, Managing and Configuring Servers. Support for heterogeneous operating environments - Microsoft Windows, Linux.
22	Warranty	OEM onsite , labour , parts warranty for the entire lease period

4	A4 COLOR LASERJET PRINTER - HIGH END	1
1	Print Speed (Color)	30 ppm (A4, normal) or higher
2	Duplex Printing	Required, Automatic
3	Connectivity	Ethernet LAN, USB
4	Print Resolution	600 x 600 dpi or higher
5	Media Size	A4, A5, letter, executive, legal
6	Paper Trays	2 Trays or more - including one Multipurpose Tray
7	RAM	256MB or higher
8	Duty Cycle	50,000 Pages per month or higher
9	Print Language Support	PCL 6, PostScript 3 /PostScript 3 Emulation
10	OS Compatibility	Windows XP, Vista, Windows7, Windows 8, Windows 8.1, Windows 10
11	Management	The printer should be remotely manageable through a standard web browser.
12	Compliance	Energy Star compliant
13	Warranty	OEM warranty (labour,parts,onsite) for the entire contract period

5	A4 COLOR LASERJET PRINTER - LOW END	19
1	Print Speed (Color)	20 ppm (A4, normal) or higher
2	Duplex Printing	Required, Automatic
3	Connectivity	Ethernet LAN, USB
4	Print Resolution	600 x 600 dpi or higher
5	Media Size	A4, A5, letter, executive, legal
6	Paper Trays	2 Trays or more - including one Multipurpose Tray
7	RAM	128 MB or higher
8	Duty Cycle	25,000 Pages per month or higher
9	Print Language Support	PCL 6, PostScript 3 /PostScript 3 Emulation

10	OS Compatibility	Windows XP,Vista,Windows7, Windows 8, Windows 8.1, Windows 10
11	Management	The printer should be remotely manageable through a standard web browser.
12	Compliance	Energy Star compliant
13	Warranty	OEM warranty (labour,parts,onsite) for the entire contract period

6	B/W LASER PRINTER - LOW END		30
1	Print Speed	24 ppm(A4, normal) or higher	
2	Duplex Printing	Required, Automatic	
3	Connectivity	Minimum USB 2.0	
4	Print Resolution	600 x 600 dpi or higher	
5	Media Size	A4, A5, letter, executive, legal	
6	Paper Trays	One Tray or more	
7	RAM	16MB or higher	
8	Duty Cycle	8000 Pages per month	
9	OS Compatibility	Windows XP,Vista,Windows7, Windows 8, Windows 8.1, Windows 10	
10	Compliance	Energy Star compliant	
11	Warranty	OEM warranty (labour,parts,onsite) for the entire contract period	

7	B/W LASER PRINTER -A4 GENERAL		101
1	Print Speed	32 ppm(A4, normal) or higher	
2	Duplex Printing	Required, Automatic	
3	Connectivity	Ethernet LAN, USB	
4	Print Resolution	600 x 600 dpi or higher	
5	Media Size	A4, A5, letter, executive, legal	
6	Paper Trays	Two Trays or more with one multipurpose tray	
7	RAM	64MB or higher	
8	Duty Cycle	30,000 pages per month	
9	Print Support Language	PCL 6, PostScript 3 / PostScript 3 Emulation	
10	OS Compatibility	Windows XP,Vista,Windows7, Windows 8, Windows 8.1, Windows 10	
11	Compliance	Energy Star compliant	
12	Warranty	OEM warranty (labour,parts,onsite) for the entire contract period	

8	MFS A4 MONO LASER		24
1	Functionality	Print, Copy, FAX and Scan	
2	Print and Copy Speed	18 ppm (A4) or higher	
3	Connectivity	Ethernet LAN,USB	
4	Print Resolution	600 x 600 dpi	
5	Media Size	A4, A5, letter, executive, legal	
6	Paper Trays	One (1) or more	
7	Scan Technology	flatbed, ADF	
8	RAM	64 MB	
9	Duty Cycle	5000 pages per month	
10	Print Language Support	PCL 6, PostScript level 3 emulation or latest / Host-based	
11	OS Compatibility	Windows XP,Vista,Windows7, Windows 8, Windows 8.1, Windows 10	
12	Management	The device should be remotely manageable through a standard web browser.	
13	Compliance	Energy Star compliant	
14	Warranty	OEM warranty (labour,parts,on-site) for the entire contract period	

9	DOT MATRIX PRINTER		46
1	Print Speed at 10 cpi	Minimum 400CPS (High-speed draft) and Minimum 100CPS (LQ)	
2	Printing Method	24 Pin impact dot matrix	

3	Print Direction	Bidirectional
4	Character size	Minimum at 10cpi 136 maximum printed characters
5	Character set	PC 437, Italics
6	Paper width and length	Single sheet min 182 to 364 mm; continuous sheet 101 to 406mm
7	Input Buffer	Minimum 64 KB
8	Connectivity	Should be connectable to parallel and USB ports of devices
9	OS Compatibility	Windows XP, Vista, Windows 7, Windows 8, Windows 8.1, Windows 10, Redhat Linux.
10	Power and Data cables	Each Printer is to be provided with Power cable and data cable
11	Indian Language printing support	Should support Unicode and should be able to print in English & Hindi.
12	Ribbon life	3 million characters or more
13	Warranty	OEM warranty (labour,parts,on-site) for the entire contract period

10	A4 COLOR FLATBED SCANNER WITH ADF		21
1	Type	A4 Color Flatbed Scanner with Automatic Document Feeder & Duplex Scanning	
2	ADF speed	25 ppm / 50 ipm	
3	ADF Capacity	100 sheet or higher	
4	Hardware Resolution	600 x 600 dpi	
5	Software	Scanning Software, OCR software to be provided.	
6	OS Compatibility	Windows XP,Vista,Windows7, Windows 8, Windows 8.1, Windows 10	
7	Interface	USB 2.0/SCSI or higher with requisite cables. In case of SCSI, compatible SCSI card should also be provided.	
8	Image Type Sensor	CCD (Charge Coupled Device) / CIS (Contact Image Sensor)	
9	Scan to PDF	Scan to searchable PDF facility should be available.	
10	Compliance	Energy Star compliant	
11	Warranty	OEM warranty (labour,parts,onsite) for the entire contract period	

11	KVM SWITCH		1
1	Type	A 16 port rack mount TCP/IP Enabled KVM switch with LCD monitor, keyboard and mouse (touchpad) and min. 8 ft. length cables for connecting 16 servers.	
2	Mounting	Should comes with necessary rack rails for rack mounting	
3	Access Sessions	Should provide 2 concurrent access thru ip sessions and one local user	
4	Type of Access	KVM should provide inband and outband access	
5	BIOS Access Control	BIOS Level Access and Control	
6	Accessories	All necessary computer interface modules has to be supplied suitable for the available servers including HDMI,DVI,DP VGA, suiting the existing and new servers in the datacenter.	

12	HBA ADAPTER for SERVER TYPE-1 (Same make as of Server Type-1)		4
1	Description	Two Dual Port HBAs to be connected to single Type 1 Server	
2	TYPE	Dual Port 8Gb Fibre Channel Host Bus Adapter for Server Type-1 alongwith 2 nos patch cords (LC-LC, Multimode , OM 4 10 meter)	
3	OS Compatibility	Microsoft Windows 2003 Microsoft Windows Server 2008 Microsoft Windows Server 2012 VMware Red Hat Enterprise Linux SUSE Linux Oracle Solaris	
4	Compatible Array Platforms	3PAR EVA	

13	ADDITIONAL RAM		25
1	TYPE	4 GB Dual Channel DDR3 1333 MHz in a Single Module	

14	LED MONITOR		25
1	Viewable Size	Minimum 23 inch Widescreen LED Backlit Monitor	
2	Aspect Ratio	16:9	
3	Resolution	1920 x 1080	
4	Adjustment	There should be provision to tilt, swivel and adjust the height of viewing the monitor.	
5	Make	Same make as of PC at SI. No. 1	
6	Compliance	Energy Star Compliant	
7	Cables / Accessories	All necessary cables / connectors / stand etc to be supplied	
8	Warranty	OEM warranty (labour,parts,onsite) for the entire contract period	

SCOPE OF WORK AND TERMS & CONDITIONS

1. General

- 1.1. The term vendor shall apply to successful tenderer. The vendor is the lessor and BHEL, Haridwar (A Govt. of India Undertaking) is the lessee.
- 1.2. The vendor shall supply, install, commission and maintain on a turn-key basis, the equipment, detailed in the lease orders hereinafter referred as "Lease Orders" placed by BHEL on the vendor from time to time which will fulfill the functional requirements as defined in scope of supply.

2. Lease / Prices

- 2.1 The lease period shall be 5 years after the successful commissioning and acceptance of the complete system.
- 2.2 Successful vendor shall enter into lease rental agreement with BHEL on non-judicial stamp paper of required value as per extant rules, at their own cost.
- 2.3 Lease payment will be paid on quarterly basis, at the end of each quarter. Invoices are to be submitted in triplicate along with other necessary documents. Deduction of downtime if any shall be made from quarterly lease rental charges.
- 2.4 Prices are net F.O.R destination, inclusive of freight, handling and packing charges, transit insurance, installation, commissioning, regular insurance, on-site comprehensive maintenance during the entire lease period and shall remain firm without any variation during lease period. Lease / RTU tax, service tax and government levies shall be extra as per actuals during the lease period.
- 2.5 The vendor shall be responsible for payment of excise duty, custom duty, all other state/central/local govt. taxes, freight and insurance up to equipment-installation-sites in BHEL Haridwar and during the lease period.
- 2.6 No interest whatsoever shall be payable by BHEL on any amount due to the vendor.
- 2.7 The insurance coverage should be comprehensive with provisions for theft, fire, floods, riots etc. The responsibility for the insurance will rest with the vendor. Claim(s), if any, will be dealt with the underwriters directly by the vendor / lessor. Evidence of insurance policy shall be submitted to BHEL, if the vendor / lessor fails to renew the insurance policy before expiry, BHEL may affect the insurance from the lease rental.
- 2.8 Projected requirement for IT equipment or any other component is as per tender document. The vendor shall extend the same rates for 6 months from the date of placement of original order for the additional IT equipment to be installed at BHEL Haridwar.
- 2.9 The benefit of depreciation under IT act and other related statutory provisions for the equipment supplied by the vendor under this contract will be claimed by BHEL after capitalization of goods in its books. The vendor will furnish all relevant documents to enable BHEL to claim benefit of depreciation.
- 2.10 The Lease Charges are calculated quarterly. BHEL agrees that vendor may assign the Lease Charges in favor of third party ("Assignee") and consents (subject to prior approval from BHEL) to such assignment of the Lease Charges by the vendor to the Assignee. BHEL agrees that the vendor may disclose any information or documents that it may consider necessary to help the vendor exercise these rights subject to NDA (Non-Disclosure Agreement) clauses.
- 2.11 Pursuant to the assignment of the Lease Charges by the Vendor to the Assignee, all amounts payable to the vendor under this agreement by BHEL shall be payable by BHEL to the Assignee.



Responsibilities and obligations of BHEL and the vendor under this Agreement shall remain unchanged, notwithstanding the assignment of Lease Charges in favor of the Assignee.

2.12 Price bid offer shall be valid for 120 days from the date of opening of technical bid.

3. Integrity Pact

The bidder shall sign an integrity pact, to comply with the requirements of the Transparency International Ltd (TIL) and the Central Vigilance Commission (CVC) guidelines to ensure an ethical and corruption-free business environment. The format for Integrity Pact is attached as Annexure-VII. The independent external monitor (IEM) for this case will be Mr V.V.R. Sastry, Ex. CMD/BEL.

4. Deviations

4.1 Bids shall be submitted strictly in accordance with the technical specifications and commercial terms & conditions of the Tender Enquiry. No change in specifications, clauses of contract, Terms and Conditions, etc. shall be entertained by BHEL under any circumstances. Hence bidders have to submit a "No Deviation Certificate" for both technical specifications and commercial terms and conditions in Part-I of the offer as per format (Annexure IX).

5. Delivery

- 5.1 The vendor shall supply, install, test and commission the whole work in all respect within **16 weeks** from the date of placement of order. Early delivery / commissioning is acceptable.
- 5.2 BHEL reserves the right to ask for a delayed delivery of a part or whole of equipment.
- 5.3 Hardware/software configuration shall be deemed as incomplete or undelivered, if any component of hardware or software within the configuration or main documentation related thereto is not delivered and if delivered is not operational or not acceptable after testing/examination.
- 5.4 In case the delivery, installation and successful commissioning schedule for the works is not adhered to, penalty at the rate of 0.5% per week (or part thereof) of the amount equivalent to lease rent of entire lease period of the remaining equipment/works (subject to a maximum of 10% of total lease rent of entire lease period) shall be levied by BHEL on the vendor. However, in the event that the delay occurs on account of fault of BHEL including on account of failure of BHEL to ensure site preparation, the period on this account will not be considered for penalty. For the purpose of this clause, part of the week is considered as a full week.
- 5.5 Penalty, if any, shall be deducted from first quarterly lease charges. In case, the penalty amount is more than the first quarterly lease charges, the same shall be adjusted from the subsequent quarters.

6. Scope of Work

- 6.1 Supply, Unloading, Installation, Commissioning, Testing, Migration, integration and maintenance of equipment as per specification and BoM.
- 6.2 The vendor shall provide the certificate of newness of the equipment along with the equipment at the time of supply.

- 6.3 No items shall be offered, whose end-of-sale has been declared by the OEM or has been declared to be under phase out.
- 6.4 The vendor shall provide the user's manuals (if any) for equipment.
- 6.5 Vendor shall ensure the installation and commissioning of the equipment as per locations specified by BHEL. However, if some or all of these equipment are subsequently required by BHEL to be shifted to any other sites(s) within BHEL Haridwar, vendor shall carry out installation and commissioning at no extra cost.
- 6.6 Vendor shall also supply, install and maintain at no extra cost all such equipment, fittings, material, software or supplies which may not be specifically mentioned in the specifications but are necessary for carrying out the contract works within the scope of the agreement including all such items which are not quoted by the vendor, if found necessary during execution of the contract.
- 6.7 BHEL will provide the power points and networking points at site for the installation of equipment.
- 6.8 Installation of PC:**
 - 6.8.1. Inventory and configuration verification against ordered specifications
 - 6.8.2. Installation of operating system
 - 6.8.3. Partitioning of disk (wherever required and asked for)
 - 6.8.4. Installation of commonly used software packages provided by BHEL (like Antivirus, MS Office, Adobe products, Java etc)
 - 6.8.5. Installation of latest OS service packs and security patches
 - 6.8.6. Network configuration
 - 6.8.7. Printer driver installation and configuration
 - 6.8.8. Email client configuration
 - 6.8.9. Internet settings configuration
 - 6.8.10. Data migration from old system to new system
 - 6.8.11. It is desired to use disk cloning software to prepare the system from master disk to make the deployment faster and error-free.
- 6.9 Installation of Printers / MFS:**
 - 6.9.1. Inventory and configuration verification against ordered specifications
 - 6.9.2. Perform Power on Self-Test
 - 6.9.3. Connecting device to PC/Workstation/Server
 - 6.9.4. Network configuration if any
 - 6.9.5. Driver Installation on client PCs/Workstations/Servers
 - 6.9.6. Mapping printers to networked PCs/Workstations if required
 - 6.9.7. Perform system & verification test
- 6.10 Installation of Scanners**
 - 6.10.1. Inventory and configuration verification against ordered specifications
 - 6.10.2. Perform Power on Self-Test
 - 6.10.3. Connecting device to PC/Workstation
 - 6.10.4. Installation of scanner software on a client machine
 - 6.10.5. Perform system & verification test
- 6.11 Installation of Server**
 - 6.11.1. Inventory and configuration verification against ordered specifications
 - 6.11.2. Installing servers in server racks using supplied rack mounting accessories
 - 6.11.3. Installation of HBA (if required)
 - 6.11.4. RAID Configuration
 - 6.11.5. Perform Power on Self-Test
 - 6.11.6. Installation of operating system (OS will be provided by BHEL)
 - 6.11.7. Partitioning of disk (wherever required and asked for)
 - 6.11.8. Connecting device to Network

- 6.11.9. Cluster Implementation, wherever required
- 6.11.10. Perform system & verification test

6.12 Installation of KVM Switch

- 6.12.1. Inventory and configuration verification against ordered specifications
 - 6.12.2. Installing servers in server racks using supplied rack mounting accessories
 - 6.12.3. Connecting device to SAN/Servers
 - 6.12.4. Connecting device to Network
 - 6.12.5. Perform system & verification test
- 6.13 Acceptance Testing based on agreed terms.
- 6.14 Old hardware as per **annexure VI** is to be taken by vendor as buyback on “As and Where Basis” after successful installation of new hardware. Buyback value of old hardware will be deducted from payment of first quarterly lease charges or from subsequent quarterly charges in case buyback value of old hardware is more than one quarterly lease charges.
- 6.15 Comprehensive maintenance for five years lease period after the successful commissioning of all the equipment.
- 6.16 Tenderer shall ensure back to back AMC from OEMs of equipment during lease period, proof to be submitted to BHEL.
- 6.17 The vendor should fulfill all statutory and safety requirements for personnel engaged while executing the contract. If BHEL has to incur any expenditure due to non-compliance of the applicable statutory provisions, the same will be compensated by the vendor.

7. Tender evaluation:

- 7.2 After the process of Technical Bid evaluation, Price Bid opening / RA (Reverse Auction) will be done for all technically qualified vendors.
- 7.2 BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.
In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit “online sealed bid” in the Reverse Auction. Non-submission of “online sealed bid” by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.”
- 7.2 The valuation will be on the basis of delivered cost i.e. “total cost to BHEL”.
- 7.2 Vendor has to quote for ALL the items in the tender.
- 7.2 Only one Make & Model of item is to be quoted against a Slno.
- 7.2 Optional item, quoted if any, will not be considered in evaluation as well as during the tender execution.

8. Reverse Auction (RA):

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to “REVERSE AUCTION PROCEDURE” i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

- a. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.

- b. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit 'online sealed bid' in the Reverse Auction. Non-submission of 'online sealed bid' by the bidder for any of the eligible items for which techno commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
- c. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
- d. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
- e. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance. Bidders have to fax the Compliance form before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
- f. In line with the NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
- g. Reverse auction will be conducted on scheduled date & time.
- h. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.
- i. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, as provided on case-to-case basis to Service provider within two working days of Auction without fail.
- j. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL's standard practice.
- k. Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the 'Business Rules of Reverse Auction', which will be communicated before the Reverse Auction.
- l. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines, shall be initiated by BHEL and the results of the RA scrapped/ aborted.
- m. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
- n. In case BHEL decides to go for reverse auction, the H1 bidder(s) (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.

9. Acceptance Test

Acceptance test shall be carried out after receipt of material on agreed terms.

10. Training

10.1 User level training shall be given to users at site based on requirement at no extra cost.

11. Acceptance Test Procedure

- 11.1 The vendor shall submit project completion report to BHEL once the equipment is successfully installed so that BHEL can carry out the acceptance test. All manuals, accessories etc. will be handed over by vendor to BHEL.
- 11.2 The vendor shall submit the detailed documentation of system including bill of material etc. prior to start of the acceptance test. The vendor shall give all documents in computer format.
- 11.3 All the software offered, shall be loaded completely and made functional in all respects before the start of the acceptance test by the vendor. Vendor shall demonstrate all the features of the equipment/software and show that equipment/software is performing as per specified configuration.
- 11.4 The acceptance test which involves running standard vendor tests and/or BHEL tests and the operations of the complete system shall be carried out immediately after completion of installation and documents submission as stated above.
- 11.5 If any equipment fails during the acceptance test for three times, it will be replaced by the vendor and the acceptance test on the replaced equipment shall be performed afresh.

12. Warranty, Maintenance & Support

- 12.1 The vendor shall keep the sufficient spares at site to keep the system downtime at minimum.
- 12.2 The vendor shall provide comprehensive maintenance support on 24x7 hours basis by minimum two resident engineers posted at BHEL Haridwar without payment of extra charges for operations, maintenance and upkeep of system. Normal shift timings will be 8 AM to 5 PM on 6 days working basis, however engineer shall be available on 24x7 basis on emergency call basis. The resident engineers:
 - Shall observe BHEL timings and holidays.
 - Shall leave the station only after seeking written permission from BHEL and arranging for proper substitute.
 - Shall have his / her own accommodation, mobile phones, vehicle, standard tool kit etc.
- 12.3 Comprehensive maintenance shall include the following:
 - 12.3..1. Repair / Replacement of faulty equipment including but not limited to all plastic and/or rubber parts, adapters, batteries, printer heads etc. However it will NOT include toner cartridges, drums and ribbons.
 - 12.3..2. Installation charges
 - 12.3..3. Site inspection charges
 - 12.3..4. Periodic maintenance, wherever required
 - 12.3..5. Cost of Maintenance Engineer(s)
 - 12.3..6. Keeping sufficient spares to maintain the specified uptime.

13. Downtime Penalty

The vendor shall be responsible for optimum uptime of 98% on a quarterly basis for servers (including HBAs) and KVM switch and 95% uptime for the rest of the hardware. It includes replace / repair of faulty equipment / part without any cost to BHEL. The downtime penalty will be deducted for uptime less than as stated above on pro rata basis. Downtime calculation will be applicable for non-availability of all services / equipment arising due of malfunctioning of particular equipment.

13.1 If the uptime of a particular equipment/system falls below 90% continuously for 3 months, the equipment/system shall have to be replaced with the new equipment by the vendor without any extra cost to BHEL.

13.1 Downtime shall be calculated on the basis of system logs / log book / Complaint System.

14. Risk Purchase

BHEL reserves the right to terminate the order / contract and purchase from elsewhere at the risk and cost of the vendor / lessor, either the whole or part of equipment, which the vendor / lessor has failed to deliver within the stipulated delivery period. The vendor / lessor shall be liable to compensate the BHEL for any loss which BHEL may sustain by reason of such purchase. This clause will be operated only after completion of delivery period including extended period with penalty.

15. Patents & Trademarks

Vendor / lessor shall at all times fully indemnify and keep indemnified the purchaser/lessee (BHEL) against all claims which may be made in respect of systems/ goods/ software supplied by the vendor/lessor, for infringement of any right protected by patent, registration of designs or trademarks and legality of usage of software. In the event of any such claims being made against the purchaser / lessee (BHEL), purchaser / lessee (BHEL) will inform the vendor / lessor who shall at his own cost either settle any such dispute or conduct any litigation that may arise there from.

However vendor / lessor will have no obligation for any claim or infringement arising from third party products not supplied in the order, modifications and technical information / instructions advised by purchaser and use of products prohibited by product manuals.

All such claims will be settled as per Indian laws.

16. New / Better System

During the contract period of this rental agreement, if new / better systems are available and if desired by BHEL, the existing system shall be replaced by the vendor on mutually agreed terms and price.

17. Transfer of Ownership

The transfer of ownership of the equipment which is in efficient working condition and is also decided to be taken over by BHEL shall be automatically in favour of BHEL at the termination of the 5 year lease period on payment of token terminal amount of Re. One only.

18. Arbitration

In all cases of disputes emanating from and in references to this contract, the matter shall be referred to the arbitration. All disputes or differences between the parties will be resolved through arbitration governed by Arbitration & Conciliation Act 1996 as amended from time to time. The venue of arbitration shall be Haridwar only.

19. Jurisdiction

All disputes or differences arising out of, under or in connection with this contract shall be subject to the exclusive jurisdiction of the courts having jurisdiction over BHEL Haridwar.

20. Governing Law

This contract shall be governed in all respects by the Indian law.

21. Force Majeure

Neither BHEL nor the vendor shall be responsible for delays/failures in performance resulting from acts beyond the control of either. Such acts shall include but not limited to acts of God, strikes, lockouts, riots, acts of war, epidemics, and governmental regulations superimposed after the agreement, fire, earthquakes and other such disasters.

22. Termination of Order / Lease Agreement & its Consequences

- 22.1. Lessee will issue a written notice of non-compliance to the vendor / lessor and after a rectification period of one month, termination clauses will be applicable.
- 22.2. Lessee reserves the right to terminate the order / contract, either wholly or in part upon situations arising due to non-compliance of stipulations of the order / contract by the vendor / lessor, at the risk and cost of the vendor / lessor.
- 22.3. Lessee reserves the right to terminate the order/contract or a portion thereof for the contracted Systems/Goods not delivered within the stipulated period, and procure from an alternate source at the risk and cost to the vendor. The vendor shall be liable to the Purchaser/Lessee for any additional costs thereof.
- 22.4. Vendor / lessor shall continue the performance of the order / contract under all circumstances, to the extent not cancelled.
- 22.5. Consequences: As soon as the lease agreement is cancelled / terminated by the lessee, no lease charges will be payable to the lessor for the cancelled part of the agreement. Meaning of "cancelled part" is either undelivered part or delivered but not adhering to our specifications / T & C and vendor is unable to rectify the issue even after rectification period.
- 22.6. **Foreclosure:** In case of foreclosure of the lease agreement in part or full by the BHEL for reasons not attributable to the lessor / vendor, pro-rata compensation will be payable. Compensation will be equivalent to percentage of outright purchase cost and proportionately linked to balance lease

period. Ownership of the equipment shall be transferred to BHEL. Notice period of one month shall be given, in case foreclosure clause is exercised.

23 Limitation of Liability

The vendor's / Lessor's liability will be limited to the scope / order value of this contract only.

24 Earnest Money Deposit (EMD)

- 24.1 EMD is to be deposited by vendor as per tender document.
- 24.2 EMD given by unsuccessful tenderers shall be refunded normally within fifteen days of acceptance of award of work by the successful tenderer.
- 24.3 EMD given by successful bidder shall be refunded within fifteen days of successful supply and installation of equipment.
- 24.4 EMD shall not carry any interest.
- 24.5 EMD by the Tenderer will be forfeited as per Tender Documents if:
 - 23.4.1 After opening the tender, the tenderer revokes his tender within the validity period or increases his earlier quoted rates.
 - 21.4.2 The tenderer does not commence the work within the period as per LOI/Contract.
- 24.6 MSEs (Micro and Small Enterprises) are exempted from payment of Earnest Money Deposit (EMD) and tender document fee. Note: MSE suppliers can avail the intended benefits only if they submit along with offer, attested copies of either EM II certificate having deemed validity (Five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of CA certificate (format enclosed as per annexure-V where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bids at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted Officer.

25 E-Waste Disposal

- 25.1 Vendor shall ensure full compliance to E-waste (Management and Handling) Rules, 2011 for products being supplied to BHEL
- 25.2 Vendor should ensure that either they or the producer of products supplied by them has required authorization from respective State Pollution Control Boards / Pollution Control Committees for implementing EPR (Extended Producer Responsibility) across the concerned state.
- 25.3 Vendor shall manage a system directly or with a help of any professional agency for collection and channelization system of E-waste generated by the end of lifecycle of products supplied by it or whenever BHEL discards these products as E-waste.
- 25.4 Vendor shall arrange for collection of e-waste generated at the end-of-life from BHEL or whenever BHEL discards these products as E-waste and channelize the waste to authorized collection centers or recyclers/dismantlers under E-waste (Management and Handling) Rules, 2011. Also, Vendor shall bear all costs including transportation costs etc. involved in the aforesaid arrangement.

- 25.5 Vendor shall provide the full contact details including helpline number of the authorized collection centers and collection points or their collection mechanism being used by them to BHEL and such information should be periodically updated.

26 Acceptance of LOI / Order

Letter of vendor's acceptance of the LOI / Rate Contract is to be submitted within one week of issue date of LOI / Order.

27 Information Security Requirements

BHEL Haridwar has implemented Information Security Management System (ISMS) and has taken certificate for the same based on ISO 27001 standard.

BHEL Information Security Policy is as follows:

“BHEL is committed to ensure Integrity, Confidentiality, Availability and Security of its information at all times for serving the needs of the organization in line with its Vision, Mission & Values while meeting all regulatory requirements.”

In line with the ISMS requirements, vendor and its staff shall ensure the protection of BHEL information assets / information processing facilities at all times with respect to confidentiality, integrity and availability.

The vendor / personnel deputed by vendor shall comply with following requirements:

- Personnel deputed by vendor shall follow the ISMS system requirements.
- Personnel deputed by vendor shall present his / her identity proof to BHEL for getting proper authorization from BHEL. He/she shall not enter into BHEL premises without proper authorization.
- Vendor and personnel deputed by vendor shall sign Non-Disclosure Agreement (NDA) in the specified format of BHEL Haridwar.
- When allowed by proper authority, he / she shall work in secure area only in the presence of BHEL staff.
- If he /she has to work on any server / network device in secure area, the work shall only be allowed in presence of system administrator or any other person authorized by ITX.
- He / she shall maintain and service only those equipment which comes under his /her scope of contract.
- Vendor / personnel deputed by vendor shall ensure the return or destruction of information / data at the end of lease agreement and as and when required.
- Access to information assets, which is not explicitly authorized, shall be treated as forbidden.
- Any information security incident and / or security breaches shall be immediately reported to BHEL.
- In case of any violation of the above, it will amount to non-fulfillment of terms & conditions of the contract.

Tender No : HW/ITX/2/1358 Date : 02.03.2016

Annexure IV - Technical Compliance Sheet

Note:

1	The bidder shall quote single make and model against each item.
2	The vendor shall state in the "Compliance" column Y (yes) or N (no).
3	Wherever specific values / ratings are desired, the same shall be given by the vendor.
4	Various features mentioned in technical specifications should be supported in the quoted products at the time of bidding.
5	All the specifications complied by the bidder should be verifiable through OEM's web site. Also, vendor must ensure that relevant technical brochures for each product specifying the technical features, specifications and ratings are positively enclosed.

Sl. No.	Item		Compliance (Y / N)	Remarks
1	DESKTOP			
	Mention Make			
	Mention Model			
	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Processor	Intel® 6th Generation Core i5 6500 or Equivalent / Higher. Equivalence of the CPU to be confirmed by SPEC_INT Rate 2006 (base) Note: If the processor quoted is other than Intel 6th generation Core i5 6500, name of the processor be specified and latest documentary evidence for baseline score from benchmark SPECint_rate2006) should be submitted to confirm that the proposed processor is rated either equal or higher than Intel Core i5 6500. Bidder should provide the published benchmark results and full disclosure report		
2	Motherboard	OEM Motherboard		
3	Chipset	Matching Intel Q Series Chipset for the quoted Processor or Equivalent / Higher		
4	RAM	4GB DDR4 (in a single module) with support upto 16GB or higher Total Four DIMM slots		
5	HDD	500GB 7200 RPM 3.5" SATA Hard Drive with SMART (Self Monitoring, Analysis and Reporting Technology) feature or higher		
6	Optical Drive	8X or more OEM DVD +/-RW Drive		
7	Monitor	OEM make LED Backlit 18.5 inch, Energy Star compliant.		
8	Graphics	latest Onboard Graphics feature		
9	Keyboard	Minimum 104 keys (Same make as PC)		
10	Mouse	2/3 Button Optical Scroll Mouse (Same make as PC)		
11	Audio	Integrated High Definition audio with internal speakers and volume control		
12	Ethernet	Integrated (on-board) 100/1000Mbps RJ45 port with WOL, PXE (or equivalent), ASF (Alert Standard Format) OS independent software to monitor & analyse network connection.		
13	PCI Slots	Minimum 2 PCIe Slots		
14	Ports	Front: Minimum One port of USB 2.0, One port of USB 3.0, a headphone output and a microphone jack Rear: Six USB Ports with min. two USB 3.0 ports, RJ-45 network interface and 3.5mm audio in/out jacks, one VGA port, one parallel port (on board or PCI).		
15	Software	Windows 10 Professional 64 bit with latest service pack / patches, a software to provide data recovery to restore user data, settings, applications and Operating System in the event of a software crash or virus infection. The latest system drivers should be available on OEM's website for the entire lease period.		
16	Form Factor	Small Form Factor		
17	Diagnostic	OEM's Diagnostic tool for hardware diagnostics		
18	Security	Removable media boot control, Serial, Parallel & USB Interface Control, Power-On Password, Setup Password, should give alert on management console and desktop on tampering the system. Should come with integrated Trusted Platform Module (TPM) 1.2 Security Chip. Chassis with Locking feature.		
19	Certifications	OS Certification from Microsoft		
		RoHS Compliant		
		Energy Star 5.0 compliant or higher		
20	Warranty	OEM warranty (labour, parts, on-site) for the entire contract period		

2	SERVER - TYPE 1			
	Mention Make			
	Mention Model			

	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Mounting	Rack Model		
2	Height	Max 2U		
3	Processor	2 Nos. of Intel Xeon E5-2630 v3 processors or equivalent / higher Equivalence of the CPU to be confirmed by SPEC CPU Rate 2006 (base) (60% of SPEC Int Rate base2006 plus 40% of SPEC fp Rate base2006 scores - tested with 128GB RAM) Note: If the processor quoted is other than Intel Xeon E5-2630 v3 processor, name of the processor be specified and latest documentary evidence for SPEC CPU Rate 2006 (base) (60% of SPEC Int Rate base2006 plus 40% of SPEC fp Rate base2006 scores - tested with 128GB RAM) should be submitted to confirm that the proposed processor is rated either equal or higher than Intel Xeon E5-2630 v3. Bidder should provide the published benchmark results and full disclosure report		
4	No of Processors	2 Processors Populated		
5	Chip Set	Intel C610 Chipset or Equivalent / Higher		
6	CPU Cache	20 MB Cache or higher		
7	RAM	Configured with 24GB DDR4 expandable up to 64GB		
8	Extension Slots	Minimum 3 or more PCI/PCI-e type slots. With Min 1 to be free for future expansion		
9	HDD	6X 300GB 15k or higher SAS hot-plug HDD or better Disk bays capacity for 8 SAS hot pluggable SAS drives or greater. Each disk bay should support upto 2 TB of HDD. SAS-RAID Controller with 512MB BBW cache and should support RAID 0, 1, 1+0, 5. Up to 8 HDDs		
10	Internal HDD bays	8 or more hot plug drive bays		
11	DVDROM	8x or higher DVD-CDRW Combo Drive		
12	LAN Card	2 Nos. of separate 10/100/1000 Ethernet Cards each with 2 ports (with at least 1 card on board)		
13	Power Supply	Should come with Hot Pluggable & Redundant Power Supply		
14	Fans	Hot pluggable redundant fans		
15	OS & Virtualization Software Support	Windows Server RHEL Vmware Bare Metal Hypervisor (Windows / Vmware)		
16	Certifications	For OEM : ISO 9001 (Latest version)		
17		ERTL/FCC-EMC Class A or Class B		
18		Latest version of IEC-60950-1 / IS 13252 / UL-60950		
19		ACPI compliant		
20		RoHS compliant		
21	Management	Server OEM Browser based Management Software for Monitoring, Managing and Configuring Servers. Support for heterogeneous operating environments - Microsoft Windows, Linux.		
22	Warranty	OEM onsite , labour , parts warranty for the entire lease period		

3 SERVER -TYPE 2				
	Mention Make			
	Mention Model			
	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Mounting	Rack Model		
2	Height	Max 4U		
3	Processor	2 Nos. of Intel Xeon E5-2690 v3 processors or equivalent / higher Equivalence of the CPU to be confirmed by SPEC CPU Rate 2006 (base) (60% of SPEC Int Rate base2006 plus 40% of SPEC fp Rate base2006 scores - tested with 128GB RAM) Note: If the processor quoted is other than Intel Xeon E5-2690 v3 processor, name of the processor be specified and latest documentary evidence for SPEC CPU Rate 2006 (base) (60% of SPEC Int Rate base2006 plus 40% of SPEC fp Rate base2006 scores - tested with 128GB RAM) should be submitted to confirm that the proposed processor is rated either equal or higher than Intel Xeon E5-2690 v3. Bidder should provide the published benchmark results and full disclosure report		
4	No of Processors	2 Processors Populated		
5	Chip Set	Intel C610 Chipset or Equivalent / Higher		
6	CPU Cache	30 MB Cache or higher		

7	RAM	Configured with 128GB DDR4 expandable up to 256GB		
8	Extension Slots	Minimum 5 or more PCI/PCI-e type slots. With Min 3 to be free for future expansion		
9	HDD	2x300GB 15k or higher and 8x600GB 15k or higher SAS hot-plug HDD or better. Disk bays capacity for 16 SAS hot pluggable SAS drives or greater. Each disk bay should support upto 2 TB of HDD. SAS-RAID Controller(s) with 512MB BBW cache and should support RAID 0, 1, 1+0, 5. Up to 16 HDDs		
10	Internal HDD bays	8 or more hot plug drive bays		
11	DVDROM	8x or higher DVD-CDRW Combo Drive		
12	LAN Card	2 Nos. of separate 10/100/1000 Ethernet Cards each with 2 ports (with at least 1 card on board)		
13	Power Supply	Should come with Hot Pluggable & Redundant Power Supply		
14	Fans	Hot pluggable redundant fans		
15	OS & Virtualization Software Support	Windows Server RHEL Vmware Bare Metal Hypervisor (Windows / Vmware)		
16	Certifications	For OEM : ISO 9001 (Latest version)		
17		ERTL/FCC-EMC Class A or Class B		
18		Latest version of IEC-60950-1 / IS 13252 / UL-60950		
19		ACPI compliant		
20		RoHS compliant		
21	Management	Server OEM Browser based Management Software for Monitoring, Managing and Configuring Servers. Support for heterogeneous operating environments - Microsoft Windows, Linux.		
22	Warranty	OEM onsite , labour , parts warranty for the entire lease period		

4 A4 COLOR LASERJET PRINTER - HIGH END				
Mention Make				
Mention Model				
	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Print Speed (Color)	30 ppm (A4, normal) or higher		
2	Duplex Printing	Required, Automatic		
3	Connectivity	Ethernet LAN, USB		
4	Print Resolution	600 x 600 dpi or higher		
5	Media Size	A4, A5, letter, executive, legal		
6	Paper Trays	2 Trays or more - including one Multipurpose Tray		
7	RAM	256MB or higher		
8	Duty Cycle	50,000 Pages per month or higher		
9	Print Language Support	PCL 6, PostScript 3 /PostScript 3 Emulation		
10	OS Compatibility	Windows XP, Vista, Windows7, Windows 8, Windows 8.1, Windows 10		
11	Management	The printer should be remotely manageable through a standard web browser.		
12	Compliance	Energy Star compliant		
13	Warranty	OEM warranty (labour,parts,onsite) for the entire contract period		

5 A4 COLOR LASERJET PRINTER - LOW END				
Mention Make				
Mention Model				
	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Print Speed (Color)	20 ppm (A4, normal) or higher		
2	Duplex Printing	Required, Automatic		
3	Connectivity	Ethernet LAN, USB		
4	Print Resolution	600 x 600 dpi or higher		
5	Media Size	A4, A5, letter, executive, legal		
6	Paper Trays	2 Trays or more - including one Multipurpose Tray		
7	RAM	128 MB or higher		
8	Duty Cycle	25,000 Pages per month or higher		
9	Print Language Support	PCL 6, PostScript 3 /PostScript 3 Emulation		
10	OS Compatibility	Windows XP,Vista,Windows7, Windows 8, Windows 8.1, Windows 10		
11	Management	The printer should be remotely manageable through a standard web browser.		

12	Compliance	Energy Star compliant		
13	Warranty	OEM warranty (labour,parts,onsite) for the entire contract period		

6 B/W LASER PRINTER - LOW END				
Mention Make				
Mention Model				
	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Print Speed	24 ppm(A4, normal) or higher		
2	Duplex Printing	Required, Automatic		
3	Connectivity	Minimum USB 2.0		
4	Print Resolution	600 x 600 dpi or higher		
5	Media Size	A4, A5, letter, executive, legal		
6	Paper Trays	One Tray or more		
7	RAM	16MB or higher		
8	Duty Cycle	8000 Pages per month		
9	OS Compatibility	Windows XP,Vista,Windows7, Windows 8, Windows 8.1, Windows 10		
10	Compliance	Energy Star compliant		
11	Warranty	OEM warranty (labour,parts,onsite) for the entire contract period		

7 B/W LASER PRINTER -A4 GENERAL				
Mention Make				
Mention Model				
	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Print Speed	32 ppm(A4, normal) or higher		
2	Duplex Printing	Required, Automatic		
3	Connectivity	Ethernet LAN, USB		
4	Print Resolution	600 x 600 dpi or higher		
5	Media Size	A4, A5, letter, executive, legal		
6	Paper Trays	Two Trays or more with one multipurpose tray		
7	RAM	64MB or higher		
8	Duty Cycle	30,000 pages per month		
9	Print Support Language	PCL 6, PostScript 3 / PostScript 3 Emulation		
10	OS Compatibility	Windows XP,Vista,Windows7, Windows 8, Windows 8.1, Windows 10		
11	Compliance	Energy Star compliant		
12	Warranty	OEM warranty (labour,parts,onsite) for the entire contract period		

8 MFS A4 MONO LASER				
Mention Make				
Mention Model				
	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Functionality	Print, Copy, FAX and Scan		
2	Print and Copy Speed	18 ppm (A4) or higher		
3	Connectivity	Ethernet LAN,USB		
4	Print Resolution	600 x 600 dpi		
5	Media Size	A4, A5, letter, executive, legal		
6	Paper Trays	One (1) or more		
7	Scan Technology	flatbed, ADF		
8	RAM	64 MB		
9	Duty Cycle	5000 pages per month		
10	Print Language Support	PCL 6, PostScript level 3 emulation or latest / Host-based		
11	OS Compatibility	Windows XP,Vista,Windows7, Windows 8, Windows 8.1, Windows 10		
12	Management	The device should be remotely manageable through a standard web browser.		
13	Compliance	Energy Star compliant		
14	Warranty	OEM warranty (labour,parts,on-site) for the entire contract period		

9 DOT MATRIX PRINTER				
Mention Make				
Mention Model				

	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Print Speed at 10 cpi	Minimum 400CPS (High-speed draft) and Minimum 100CPS (LQ)		
2	Printing Method	24 Pin impact dot matrix		
3	Print Direction	Bidirectional		
4	Character size	Minimum at 10cpi 136 maximum printed characters		
5	Character set	PC 437, Italics		
6	Paper width and length	Single sheet min 182 to 364 mm; continuous sheet 101 to 406mm		
7	Input Buffer	Minimum 64 KB		
8	Connectivity	Should be connectable to parallel and USB ports of devices		
9	OS Compatibility	Windows XP, Vista, Windows 7, Windows 8, Windows 8.1, Windows 10, Redhat Linux.		
10	Power and Data cables	Each Printer is to be provided with Power cable and data cable		
11	Indian Language printing support	Should support Unicode and should be able to print in English & Hindi.		
12	Ribbon life	3 million characters or more		
13	Warranty	OEM warranty (labour,parts,on-site) for the entire contract period		

10 A4 COLOR FLATBED SCANNER WITH ADF				
	Mention Make			
	Mention Model			
	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Type	A4 Color Flatbed Scanner with Automatic Document Feeder & Duplex Scanning		
2	ADF speed	25 ppm / 50 ipm		
3	ADF Capacity	100 sheet or higher		
4	Hardware Resolution	600 x 600 dpi		
5	Software	Scanning Software, OCR software to be provided.		
6	OS Compatibility	Windows XP,Vista,Windows7, Windows 8, Windows 8.1, Windows 10		
7	Interface	USB 2.0/SCSI or higher with requisite cables. In case of SCSI, compatible SCSI card should also be provided.		
8	Image Type Sensor	CCD (Charge Coupled Device) / CIS (Contact Image Sensor)		
9	Scan to PDF	Scan to searchable PDF facility should be available.		
10	Compliance	Energy Star compliant		
11	Warranty	OEM warranty (labour,parts,onsite) for the entire contract period		

11 KVM SWITCH				
	Mention Make			
	Mention Model			
	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Type	A 16 port rack mount TCP/IP Enabled KVM switch with LCD monitor, keyboard and mouse (touchpad) and min. 8 ft. length cables for connecting 16 servers.		
2	Mounting	Should comes with necessary rack rails for rack mounting		
3	Access Sessions	Should provide 2 concurrent access thru ip sessions and one local user		
4	Type of Access	KVM should provide inband and outband access		
5	BIOS Access Control	BIOS Level Access and Control		
6	Accessories	All necessary computer interface modules has to be supplied suitable for the available servers including HDMI,DVI,DP VGA, suiting the existing and new servers in the datacenter.		

12 HBA ADAPTER for SERVER TYPE-1 (Same make as of Server Type-1)				
	Mention Make			
	Mention Model			
	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Description	Two Dual Port HBAs to be connected to single Type 1 Server		
2	TYPE	Dual Port 8Gb Fibre Channel Host Bus Adapter for Server Type-1 alongwith 2 nos patch cords (LC-LC, Multimode , OM 4 10 meter)		

3	OS Compatibility	Microsoft Windows 2003 Microsoft Windows Server 2008 Microsoft Windows Server 2012 VMware Red Hat Enterprise Linux SUSE Linux Oracle Solaris		
4	Compatible Array Platforms	3PAR EVA		

13 ADDITIONAL RAM				
Mention Make				
Mention Model				
	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Type	4 GB Dual Channel DDR3 1333 MHz in a Single Module		

14 LED MONITOR				
Mention Make				
Mention Model				
	Parameters / Features	Detailed Specifications	Compliance (Y / N)	Remarks
1	Viewable Size	Minimum 23 inch Widescreen LED Backlit Monitor		
2	Aspect Ratio	16:9		
3	Resolution	1920 x 1080		
4	Adjustment	There should be provision to tilt, swivel and adjust the height of viewing the monitor.		
5	Make	Same make as of PC at Sl. No. 1		
6	Compliance	Energy Star Compliant		
7	Cables / Accessories	All necessary cables / connectors / stand etc to be supplied		
8	Warranty	OEM warranty (labour,parts,onsite) for the entire contract period		

Certificate by Chartered Accountant on letter head

This is to Certify that M/S,
 (hereinafter referred to as 'company') having its registered office at,
 is registered under MSMED Act 2006, (Entrepreneur
 Memorandum No (Part-II) dtd:.....
 Category: (Micro/Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year as per MSMED Act 2006 is as follows:

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.O.1722(E) dated October 5, 2006 :
 Rs.....Lacs
2. **For Service Enterprises:** Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006:
 Rs.....Lacs

(Strike off whichever is not applicable)

The above investment of Rs.....Lacs is within permissible limit of Rs.....Lacs forMicro / Small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/ Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is (dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name -

Membership number -

Seal of Chartered Accountant



Tender No : HW/ITX/2/1358 Date 02.03.2016

Annexure VI - Old Hardware

Tentative List of Old Hardware for buyback (to be taken by successful vendor on as-is basis)

Note: Actual quantities of various items may vary.

Sl. No.	Item Description	Quantity
1	Desktop Computer : HP Compaq DC 5800 SFF , RAM : 2GB , HDD : 160 GB , Intel Core 2 Duo, 18.5" TFT monitor	410
2	Xeon Server Type I: HP Proliant DL 180 G6	6
3	Xeon Server Type II: HP Proliant DL 180 G6 with HBA Card	4
4	Xeon Server Type III: HP Proliant DL 580 G5	1
5	Xeon Server Type IV: HP Proliant DL 580 G5 with Additional Network Card	2
6	A4 Mono Laser Printer: Brother HL 5250 DN	130
7	Multifunction Printer: Brother MFC 7450	30
8	Dot Matrix Printer: WeP LQ DSI 5235	100
9	Deskjet Colour Printer: HP Deskjet 8000	25
10	A4 Scanner: HP Scanjet 5590	25

INTEGRITY PACT

Between

Bharat Heavy Electricals Ltd. (BHEL), a company registered under the Companies Act 1956 and having its registered office at “BHEL House”, Siri Fort, New Delhi – 110049 (India) hereinafter referred to as “The Principal”, which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART

and

_____, (description of the party along with address), hereinafter referred to as “The Bidder/ Contractor” which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART

Preamble

The Principal intends to award, under laid-down organizational procedures, contract/s for

_____. The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitor(s), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 – Commitments of the Principal

1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

1.1.1 No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

1.1.2 The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

1.1.3 The Principal will exclude from the process all known prejudiced persons.

1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section 2 – Commitments of the Bidder(s)/ Contractor(s)

2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he / she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant IPC/ PC Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

2.1.4 The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 – Disqualification from tender process and exclusion from future Contracts

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidders(s)/ Contractor(s) from the tender process or take action as per the separate “Guidelines for Suspension of Business Dealings with Suppliers/ Contractors” framed by the Principal.

Section 4 – Compensation for Damages

4.1 If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.

4.2 If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.

Section 5 – Previous Transgression

5.1 The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section 6 – Equal treatment of all Bidders/ Contractors/ Sub-contractors

6.1 The Bidder(s)/ Contractor(s) undertake(s) to demand from his sub-contractors a commitment consistent with this Integrity Pact. This commitment shall be taken only from those sub-contractors whose contract value is more than 20% of Bidder's/ Contractor's contract value with the Principal.

6.2 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors.

6.3 The Principal will disqualify from the tender process all bidders who do not sign this pact or violate its provisions.

Section 7 – Criminal Charges against violating Bidders/ Contractors /Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 –Independent External Monitor(s)

8.1 The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

8.2 The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.

8.3 The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Sub-contractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality.

8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

8.5 As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or heal the situation, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

8.6 The Monitor will submit a written report to the CMD, BHEL within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.

8.7 The CMD, BHEL shall decide the compensation to be paid to the Monitor and its terms and conditions.

8.8 If the Monitor has reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant IPC / PC Act, and the CMD, BHEL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8.9 The number of Independent External Monitor(s) shall be decided by the CMD, BHEL.

8.10 The word 'Monitor' would include both singular and plural.

Section 9 – Pact Duration

9.1 This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract and for all other Bidders 6 months after the contract has been awarded.

9.2 If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified as above, unless it is discharged/ determined by the CMD, BHEL.

Section 10 – Other Provisions

10.1 This agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. New Delhi.

10.2 Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

10.3 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

10.4 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

10.5 Only those bidders/ contractors who have entered into this agreement with the Principal would be competent to participate in the bidding. In other words, entering into this agreement would be a preliminary qualification.

For & On behalf of the Principal
(Office Seal)

For & On behalf of the Bidder/ Contractor
(Office Seal)

Place-----
Date-----

Witness:

(Name & Address)

Witness:

(Name & Address)



Tender No : HW/ITX/2/1358 Date : 02.03.2016

Annexure VIII

Price Bid

1	The lease charges are to be quoted for financial lease for 60 months, payable at the end of each quarter for 20 quarters.
2	Total Quarterly Lease Charges (at column H) shall include Total Quarterly Equipment Cost, Installation charges, Insurance, Total Quarterly Maintenance Charges, Total Quarterly Interest Charges.
3	The comparative statements for part 1 will be on total quarterly lease charges (Total of column H) plus taxes x 20 quarters. All taxes except service tax will be loaded in comparative statement to arrive at "LANDED COST TO BHEL"
4	Part 2 contains the list of old hardware to be taken by successful vendor of part 1. The buyback value of old hardware (total of column M) will be subtracted from the comparative statement of part 1 for final commercial evaluation of part 1.
5	Lease tax and service tax on maintenance or any other service will be paid extra. Vendor will clearly mention lease tax and service tax payable on various heads. At present, lease tax is 5% and service tax is 14.5%.
6	The total outright purchase value of each item shall be 20 times of column D. Equipment cost at column D should also include installation charges.
7	All values to be quoted in Indian Rupees.
8	Total two lease orders will be placed on successful bidder. Below mentioned quantities against various line items will be split into two separate orders (for HEEP & CFFP units)

Part 1

Sl. No.	Item Description	Qty	Per Quarter Lease Charges for UNIT Quantity				Per Quarter Lease Charges (Excluding Taxes) for Total Quantity
			Towards Equipment Cost Excluding Lease/RTU Taxes	Towards Maintenance (Excluding Service Tax)	Incidental Like Interest on Capital (Excluding Taxes)	Per Quarter Lease Charges (Excluding Taxes)	
A	B	C	D	E	F	G = D + E + F	H = C x G
1	Desktop	394					
2	SERVER - Type 1	9					
3	SERVER - Type 2	2					
4	A4 COLOR LASERJET PRINTER - HIGH END	1					
5	A4 COLOR LASERJET PRINTER - LOW END	19					
6	B/W LASER PRINTER - LOW END	30					
7	B/W LASER PRINTER -A4 GENERAL	101					
8	MFS A4 MONO LASER	24					
9	DOT MATRIX PRINTER	46					
10	A4 COLOR FLATBED SCANNER WITH ADF	21					
11	KVM Switch	1					
12	HBA ADAPTER for SERVER TYPE-1	4					
13	Additional RAM for PC	25					
14	LED monitor	25					

Note: Various Applicable Taxes in Percentages on Equipment, Maintenance & Incidental Like Interest on Capital and/or wherever applicable to be mentioned clearly here.

1	Taxes on Column D	
2	Taxes on Column E	
3	Taxes on Column F	

Part 2

Tentative List of Old Hardware for Buyback (Actual Quantities may vary)

Sl. No.	Item Description	Qty	Unit Amount (inclusive of all taxes)	Total Amount (inclusive of all taxes)
I	J	K	L	M = K x L
1	PC Type I	410		
2	Server Type I	6		
3	Server Type II	4		
4	Server Type III	1		
5	Server Type IV	2		
6	A4 Mono Printer	130		
7	Multifunction Printer	30		
8	DMP printer	100		
9	Deskjet Colour	25		
10	A4 Scanner	25		
Total				



NO DEVIATION CERTIFICATE

This is to certify that our offer is exactly in line with your tender enquiry no Ref. no.: **HW/ITX/2/1358** dated: **02.03.2016**. This is to expressly certify that our offer contains no deviation either Technical or Commercial in either direct or indirect item.

Signed by:

Name: -----

Designation: -----

Organisation: -----

Date & place: -----

Phone/Fax/Mobile: -----

Email: -----

Stamp / Seal:-----