Bharat Heavy Electricals Ltd.,
Electronics Division,
Mysore Road, Bangalore – 560 026

Tender Document for " Supply of PADO HARDWARE (SERVER, WORKSTATIONS AND NETWORK ITEMS) for various projects (Ref. NKR0000160)

TENDER REFERENCE DOC	NKR0000160
TENDER DOCUMENT AVAILABLE FROM	Refer eprocurement system website
LAST DATE AND TIME FOR SUBMISSION OF TENDER	Refer eprocurement system website
DATE AND TIME FOR TENDER OPENING	Refer eprocurement system website
SUBMISSION OF TENDER	Bidder to submit tender in E-procurement site : https://bheleps.buyjunction.in/. Refer instructions give in tender document for offer submission of bid in E-procurement site. Service provider: M-junction

This Tender Document Contains documents as per below index:

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REQUEST FOR QUOTATION

BHARAT HEAVY ELECTRICALS LIMITED
Electronics Division
PB No. 2606, Mysore Road Bangalore - 560026
INDIA

RFQ NUMBER: NKR0000160
RFQ DATE: REFER EPROCUREMENT SYSTEM
RFQ DUE DATE: REFER EPROCUREMENT SYSTEM

(for all correspondence)
Purchase Executive : Nilmani Kumar
Phone : 080-26998663
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E-mail: nilmanikumar@bheledn.co.in

ANNEXURE - A						
Sl No	Material Desciption	Material Code	Project	Specification No.	Quantity	Unit
1	PADO Hardware	PR0500005982	NTPC DARLIPALI	PS4182043	1	SET
2	PADO Hardware	PR0500005982	NTPC GADARWARA	PS4182043	1	SET
3	PADO Hardware	PR0500005982	NTPC FARAKKA	PS4182043	1	SET
4	PADO Hardware	PR0500005982	NTPC MOUDA	PS4182043	1	SET
5	PADO Hardware	PR0500005982	NTPC UNCHAHAR	PS4182043	1	SET
6	PADO Hardware	PR0500005982	NTPC VINDHYACHAL	PS4182043	1	SET
7	PADO Hardware	PR0500005990	NTPC North Karanpura	PS4182048	1	SET
8	PADO Hardware	PR0500005990	NTPC Dadri	PS4182048	1	SET
9	PADO Hardware	PR0500005990	NTPC Nabinagar	PS4182048	1	SET
10	PADO Hardware	PR0500005756	RRVUNL SURATGARH UNIT 7	PS4182038	1	SET
11	PADO Hardware	PR0500005756	RRVUNL SURATGARH UNIT 8	PS4182038	1	SET
12	PADO Hardware	PR0500005974	OPGCL IB VALLEY	PS4182042	1	SET

i). This is only RFQ not an order.
ii). In all correspondence quote RFQ No. & due date.
iii). Quotation should remain valid for a minimum peiod of 120 days from due date.
iv). In case of non-receipt of Quotation or regret letter for 3 consecutive RFQs you are liable to be removed from our vendors list.
v). Excise Chapter Heading should be mentioned for all items where VAT is applicable .

Pre-Qualification Requirements (PQR) of Bidders for PADO Hardware System Integration, as a part of Offer:

Clause No.	PRE-QUALIFICATION REQUIREMENTS	VENDORS COMPLIANCE (YES/NO)
1	The vendor shall be an Original Equipment Manufacturer (OEM) or their authorized dealers in India along with an authorization letter to be submitted. An authorized Representative/Dealer in India cannot quote for the same equipment from more than one OEM.	
2	The offer shall be only for Standard Catalog Items from the manufacturer and not custom-made. All the specifications shall be supported by Standard Catalogs and Datasheets of the manufacturer in line with specification.	
3	Offer shall be for new equipment and not for any refurbished / used equipment. All the parts used shall also be new and not used / refurbished. A declaration to the above effect to be furnished.	
4	Foreign OEM shall have Authorized India dealer(s) / representative(s) for after sales service and support. The authorization letter for the dealer/representative shall be provided.	
5	The vendor or their authorized service representatives shall have trained engineers to provide prompt after sales services and spares support for our installations of the offered equipment as required in the specification.	
6	The vendor shall be in a position to undertake AMC or provide service support for the equipment supplied, after the expiry of the warranty / guarantee period either directly or through a service representative.	
7	The vendor shall furnish a comprehensive onsite warranty as per BHEL specification from the date of supply.	
8	The vendor shall have experience of installation of OS (Windows 2008/2012 Server/Windows 7) as per BHEL Instructions which will be issued at the time of installation.	
9	Technically qualified offers will be submitted to end customer and any changes or modifications should be complied to.	
10	Installation and inspection of the hardware will be carried at vendors work. Facility for the same to be available at vendor's work.	

Note 1 :
Bidder must fill the Vendors Compliance column for clause Nos 1 to 10 and submit. In case of noncompliance of above clauses or not meeting the requirements of Pre-qualification requirements, Offers will be summarily rejected and Bidder's Technical offers/proposals will not be evaluated.

Note 2 :
Before submission of offer for Technical/commercial clarification, please contact/discuss with BHEL-Engg(080-26998278)/MM(080-26998674) Department for clarification.

05-12-2016
(CE M.S. Sai Kumar)
AGM - PADO.

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TITLE:

PURCHASE SPECIFICATION FOR PADO SERVER, WORKSTATIONS AND NETWORK ITEMS

Material code:

REV 00 : FIRST ISSUE :13.10.2016

REVISION–00	APPROVED			
	E M S Saikumar			
	Prepared	Checked	Issued	Date
	AS	AKJ	418	13.10.16

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This specification is for supply of Servers, Workstations, Ethernet switches, Network items etc. for PADO system. The specification covers scope of supply, Quantities of each item and detailed specifications of items

- The scope of supply of hardware items required is mentioned below.
- The detailed specifications of each item are mentioned in following sheets.
- Vendor must submit point wise compliance / deviation /alternative (as the case may be) as a filled in checklist along with quotation

Scope of supply:

ITEM NO	ITEM DESCRIPTION	QTY
1	PADO SERVER	02 Nos.
2	WORKSTATIONS	02 Nos.
3	A3 Color LASER PRINTER	01 Nos.
4	22 " COLOUR MONITORS	04 No.
5	Ethernet Switch(UNMANAGED) 16 ports	01 Nos.
6	Ethernet Switch(MANAGED) 08 ports	01 No.
7	POWER DISTRIBUTION BOARDS (15A)	02 Nos.
8	POWER DISTRIBUTION BOARDS (5A)	05 Nos.
9	UTP CABLE CAT-5E 24AWG 305 Meters	01 Roll
10	UTP CABLE CONNECTORS	25 Nos.
11	BOOTS	25 Nos.
12	MS OFFICE PACKAGE	01 No.
13	ANTIVIRUS PACKAGE	01 No.
14	6U Wall Mounted Rack	01 No.
15	DLINK ADSL Modem	01 No.
16	Hardware Firewall	01 No.

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01 PADO SERVER: HP/DELL/IBM-Lenovo: 2 Nos

- EIGHT CORE INTEL Xeon(3.0 Ghz/8-CORE/25MB) 64 Bit Processor
- INTEL QPI SPEED 6GT/s (MIN)
- 2x8GB RAM
- 3 Nos .X 600Gb SAS hard disks
- SAS RAID 5 CONTROLLER
- 1 NO. 8X/16X DVD/CD RW SATA DRIVE
- Dual redundant/Hot Swappable Power Supply & Fans
- 4 nos X 10/100/1000 Mbps Ethernet Ports(2 no PCIe Ethernet cards)
- 1 no. Additional 4 port 10/100/1000 Mbps Ethernet card
- PCIe Ethernet Cards can be replaced with 10Gbps Network interface cards if required
- Integrated Graphics with min 16 MB RAM
- 6 nos. PCIe Slots
- 6 nos. USB Ports
- 1 Nos. RS-232 Serial Port
- 1 no usb/ps2 mouse
- 1 no usb/ps2 keyboard
- SEAGATE/IOMEGA/WD* - 1 TB USB BASED REMOVABLE STORAGE DRIVE: 1 No
- WINDOWS 2012 R2 Standard with CD media64 edition, Terminal CAL for 5 Workstations.

02 OPERATOR WORKSTATIONS: HP/DELL/IBM-Lenovo: 2Nos

- Intel Core i7,3.2 Ghz Processor
- 4 GB RAM DDR3
- Intel express chipset
- Graphics card with 512 MB memory
- 1X500 SATA HDD,7200 rpm
- 1 no. 16X DVD RW SATA Drive
- 2 nos. 10/100/1000 Mbps PCIe Ethernet cards
- PCIe Ethernet Cards can be replaced with 10Gbps Network interface cards if required
- 1 no. Rs-232 serial port
- 6 nos USB ports
- 1 no. USB optical mouse and keyboard
- Windows 7 professional 64 bit edition

03 A3 Color Laser printer: HP/XEROX/LEXMARK/CANON: 1 Nos

- Minimum Speed Of 20PPM (COLOR / B&W)
- Resolution 600 x 600 dpi (min)
- Internal RJ45 UTP and USB ports
- Duty cycle 50,000 sheets.
- Power: AC 230V, 50Hz with Indian type power cords.
- All Requisite cables (USB,UTP) for printer connection

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04 Color Monitor 22”: HP/DELL/IBM: 4 Nos

- 22” Monitor(LED)
- RESOLUTION: 1920x1200
- Contrast Ratio - 1000:1
- BRIGHTNESS - 250 cd/m2
- Interface - VGA & DVI-D
- Suitable interface cable to be provided for connection to Server/workstations.
- Monitor should be of the same make as the workstations.

05 Ethernet Switch(UNMANAGED) 16 ports : CISCO/DLINK: 1 Nos

- 16 ports unmanaged switch of 10/100/1000 Mbps speed(min)
- 100-240VAC, 50/60 Hz Internal Universal Power Indian Type
- Rack mountable
- 32Gbps Forwarding Capacity

06 Ethernet Switch(MANAGED) 08 ports : CISCO/DLINK: 1 Nos

- 08 ports managed switch of 10/100/1000 Mbps speed(min)
- 100-240VAC, 50/60 Hz Internal Universal Power Indian Type
- Rack mountable
- 5.6 Gbps Forwarding Capacity

07 Power Distribution boards 15 Amps: 2 Nos

- SPIKE BUSTER WITH 2 NOS(MIN) 15A INDIAN UNIVERSAL SOCKET
- ON/OFF SWITCH, ON/OFF INDICATOR AND FUSE
- PLUGTOP, MOULDED PLASTIC OR STEEL BODY

08 Power Distribution boards 5 Amps: 5 Nos

- SPIKE BUSTER WITH 2 NOS 5A INDIAN UNIVERSAL SOCKETS
- 6A FUSE, INDICATOR SWITCH, SURGE SUPP-RESSOR
- EMI/RFI FILTER, 3 CORE 5A CABLE MIN. 1M LENGTH WITH MOULDED
- Plugtop , MOULDED PLASTIC OR STEEL BODY.

09 UTP Cable Roll Cat-5E 305mtrs:1 Nos

- Make: DIGI-Link/Molex/Tyco/Avaya/Belden
- Cable E-Cat5 UTP as per EIA/TIA/ISO/IEC standards
- Solid 24AWG
- Supply in roll of 305 meters
- Should be compatible for Gigabit interface

10 UTP Boots: 25 Nos.

- BOOT FOR RJ45 UTP CONNECTOR WITHOUT HOOD
- BLUE IN COLOUR

11 UTP Connector: 25 Nos

- CONNECTOR 8 PIN RJ45, MAKE: DIGI-LINK/AMP/MOLEX
- WITH BUILT IN GUIDES SUITABLE FOR ECAT5 ETHERNET UTP CABLE

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12 MS Office: Home and business: 1 Nos

- 1 no CD containing software and license
- Operating system compatibility: win server 2008/2012, windows 7

13 Symantec End point/Kaspersky Corporate Antivirus: (10 User license): 1Nos

- Symantec End Pont 12.0 or equivalent(10 user License)
- Antivirus should be compatible with Windows 7/8 , Server 2008 or win server 2012 64 Bit.
- CD Media Containing Software Along with the requisite licenses.

14 6U Wall Mounted Rack: 1 Nos

- (To House – 02 Nos. of 24 port Ethernet Switches)
- Power Distribution Board Mounted Inside

15 USB based ADSL External modem: D-link/ TP link: 1 Nos

- RJ-11 port for ADSL Connection
- USB Port
- RJ-45 ports for LAN connection
- Inbuilt software firewall

16 Hardware Firewall: Cyberoam/Fortinet: 1 Nos.

- 3 nos. 10/100 Ethernet Ports
- Dynamic DNS handling capability
- VPN Connection Redundancy
- VPN Encryption – 3DES, DES, AES, Twofish, Blowfish, Serpent

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TITLE:

PURCHASE SPECIFICATION FOR PADO SERVER, WORKSTATIONS AND NETWORK ITEMS

Material code:

REV 00 : FIRST ISSUE : 05.10.2016

REVISION–00	APPROVED			
	E M S Saikumar			
	Prepared	Checked	Issued	Date
	Ashvini	Joel	418	05.10.16

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This specification is for supply of Servers, Workstations, Ethernet switches, Network items etc. for PADO system. The specification covers scope of supply, Quantities of each item and detailed specifications of items.

- The scope of supply of hardware items required is mentioned below.
- The detailed specifications of each item are mentioned in following sheets.
- Vendor must submit point wise compliance / deviation /alternative (as the case may be) as a filled in checklist along with quotation .
- These items are required to dispatch to 2 x 660 MW,IB VALLEY , BANHARPALLI , ODISHA POWER GENERATION CORPORATION LIMITED

Scope of supply:

ITEM NO	ITEM DESCRIPTION	QTY
1	PADO SERVER	02 Nos.
2	WORKSTATIONS	06 Nos.
3	24 " COLOUR MONITORS	08 Nos.
4	A 4 COLOR LASER PRINTER	02 No.
5	ETHERNET SWITCHES : 08 PORT	02 Nos.
6	POWER DISTRIBUTION BOARDS (5A)	18 Nos.
7	POWER DISTRIBUTION BOARDS (15A)	02 Nos.
8	UTP CABLE CAT-5E 24AWG 305 Meters	02 Roll
9	UTP CABLE CONNECTORS	30 Nos.
10	BOOTS	30 Nos.
11	MS OFFICE PACKAGE	02 No.
12	Symantec ANTIVIRUS PACKAGE	01 No.
13	6U Wall Mounted Rack	02 No.
14	Hardware Firewall	02 No.
15	DLINK ADSL Modem	02 No.

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1. PADO SERVER : : 02 Nos

- Make & Model : HP/DELL : Model HP ML310e G8 v2or equivalent
  Consist of Intel® Xeon® Quad Core Processor 2.8 GHz (1333 FSB)/8 MB L3 cache
- One additional Intel® Xeon® Quad Core Processor 2.8 GHz (1333 FSB)/8 MB L3 cache.
- RAM 8 GB, Expandable to 32 GB Min.
- Smart Array Controller with 512MB cache (RAID 0/1/5)
- HD 300GB SAS 2.5 hot plug, RAID 5 SYSTEM: 3Nos
- REDUNDANT FAN OPTION, HOT PLUG
- REDUNDANT power OPTION, HOT PLUG
- Embedded Multifunction Gigabit NICs (4 Channel)
- Additional Multifunction Gigabit NICs (2 Channel)
- 16 X DVD R/W WORKS AT 40X WITH CD ROM/CD-R
- USB KEYBOARD
- OPTICAL MOUSE
- WIN2008 R2 SERVER 64 bit STANDARD EDITION, CD Media, Documentation and Utility CDs. Terminal CAL for 5 Workstations. (1 set).
- Integrated ATI RN50 32 bit: maximum resolution of 1280 X 1024
- 32 bit color: maximum resolution of 1600 x 1200
- 240V, 50 HZ REDUNDANT, HOT PLUG POWER SUPPLY
- Power cords must be compatible with Indian socket.

2. OPERATOR & PADO INTERFACE PCS : 06 NOS.

- Make & Model : HP / DELL
  Consist of Intel® Core i5 2.4 GHz
- 1 MB CACHE MINIMUM. 64 BIT/32 BIT
- 2 GB RAM MINIMUM
- 500 GB HDD MINIMUM
- SATA DVD-ROM Drive WORKS AT 40X WITH CD ROM/CD-R
- INTEL® GRAPHICS MEDIA ACCELERATOR 4500 INTEGRATED GRAPHICS.
- OPTICAL MOUSE, KEYBOARD
- INBUILT NIC WITH UTP, NETWORK ADAPTER 10/100/1000 Mbps
- 240 W, 240 V, 50 HZ POWER SUPPLY
- Windows 7 Professional custom installed, with CD media and Documentation
- ADDITIONAL NETWORK CARD OF 1000 Mbps : 1 No (in all PCs)
- 1 SERIAL PORT MINIMUM & 1 PARALLEL PORT
- SECOND ADDITIONAL NETWORK CARD OF 1000 Mbps: 1 No.
  (in 2 PADO PCS)

3. 24” LED COLOR MONITJOR : 08 NOS

- Make: HP/Dell
- IPS panel with LED backlighting
- Native resolution of 1920 X 1200 @60Hz
- Ports : VGA,DVI-D,HDMI

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- Brightness : 250 cd/m2 min.
- Power cable to be Indian make.
- All compatible cables to be made available for connecting to PC's and servers.
- Contrast Ratio: Static 1000:1 Dynamic: 5,000,000:1

4. A4 COLOR LASER PRINTER : 02 NOS.

- Make HP/Xerox/Lexmark/Canon
- Printing speed : Color : 15ppm Black: 30ppm
- Duty cycle 40,000/month min
- RAM: 256 MB min
- Compatible drivers for windows 7 and win server 2008 min.
- Network capability: gigabit
- 1 USB port.
- Power cable Indian type

5. ETHERNET SWITCHES: 02 NOS

- Make CISCO, D-Link
- Unmanaged 08 port 10/100/1000 speed
- Rack Mountable

6. POWER DISTRIBUTION BOARDS: 15 AMPS: 02 NOS

- SPIKE BUSTER WITH 2 NOS(MIN) 15A INDIAN UNIVERSAL SOCKET.
- ON/OFF SWITCH, ON/OFF INDICATOR AND FUSE
- PLUGTOP, MOULDED PLASTIC OR STEEL BODY

7. POWER DISTRIBUTION BOARDS: 5 AMPS : 18 NOS

- SPIKE BUSTER WITH 4 NOs(min) 5A INDIAN UNIVERSAL SOCKETS.
- 6A FUSE, INDICATOR SWITCH, SURGE SUPPRESSOR
- EMI/RFI FILTER, 3 CORE 5A CABLE MIN. 1M LENGTH WITH MOULDED PLUGTOP
- MOULDED PLASTIC OR STEEL BODY.

8. UTP CABLE CAT-5E PRE-FAB 1000 BASE-T :2 ROLL (305 MTRS)

- Make: D-Link/Molex/Tyco/Avaya/Belden
- Cable E-Cat5 UTP as per EIA/TIA/ISO/IEC standards
- Solid 24AWG
- Supply in roll of 305 meters
- Should be compatible for Gigabit interface

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9. UTP CABLE CONNECTORS: 30 NOS

- CONNECTOR 8 PIN RJ45, MAKE: DIGI-LINK/AMP/MOLEX
- WITH BUILT IN GUIDES SUITABLE FOR ECAT5 ETHERNET UTP CABLE

10. UTP BOOTS : 30 NOS

- BOOT FOR RJ45 UTP CONNECTOR WITHOUT HOOD
- BLUE IN COLOUR

11. MS OFFICE : 02 NOS

- MS OFFICE 2013 – home and business edition
- CD media and Documentation
- Operating System used: 2008 Server /Windows 7 64 bit
- Standard warranty as per Microsoft

12. SYMANTEC ANTIVIRUS: END POINT PROTECTION: 10 USER LICENSE: 01 NOS

- End point Protection 12.1 or higher
- DVD Media and documentation
- Operating System used: Windows 2008 R2 Server / Windows 7 64 bit
- Supporting 32 BIT/ 64 BIT

13. 6U WALL MOUNTED RACK : 02 NO

- (To House – 02 Nos. of 24 port Ethernet Switches)
- Power Distribution Board Mounted Inside.

14. HARDWARE FIREWALL: 02 NOS

- Make Cyberoam, Fortinet
- One year Subscription
- Cyberoam 15iNG or equivalent
- 3 nos. 10/100 Ethernet Ports
- Dynamic DNS handling capability
- VPN Connection Redundancy
- VPN Encryption – 3DES, DES, AES, Twofish, Blowfish, Serpent

15. ADSL MODEM CUM ROUTER : 02 NOS

- Make ; D-link,tp link
- RJ-11 port for ADSL Connection
- Usb Port
- RJ-45 ports for LAN connection
- Inbuilt software firewall
- Compatible software supporting Windows 7 and Windows 2008 Server

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TITLE:

PURCHASE SPECIFICATION FOR PADO SERVER, WORKSTATIONS AND NETWORK ITEMS

Material code:

REV 00 : FIRST ISSUE :26.10.2016

REVISION–00	APPROVED			
	E M S Saikumar			
	Prepared	Checked	Issued	Date
	AA	AKJ	418	26.10.16

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- The scope of supply of hardware items required is mentioned below.
- The detailed specifications of each item are mentioned in following sheets.
- Vendor must submit filled in checklist along with quotation as per enclosed format

Scope of supply:

ITEM NO	ITEM DESCRIPTION	QTY
1	PADO SERVER	02 Nos.
2	WORKSTATIONS	04 Nos.
3	22 " COLOUR MONITORS	06 Nos.
4	A 4 COLOR LASER PRINTER	01 No.
5	ETHERNET SWITCHES : 24 PORT	01 Nos.
6	POWER DISTRIBUTION BOARDS (5A)	10 Nos.
7	POWER DISTRIBUTION BOARDS (15A)	02 Nos.
8	UTP CABLE CAT-5E 24AWG 305 Meters	01 Roll
9	UTP CABLE CONNECTORS	30 Nos.
10	BOOTS	30 Nos.
11	MS OFFICE PACKAGE	01 No.
12	Symantec ANTIVIRUS PACKAGE	01 No.
13	6U Wall Mounted Rack	01 No.
14	Hardware Firewall	01 No.
15	DLINK ADSL Modem	01 No.
16	ETHERNET SWITCHES : 08 PORT	01 No.
17	Intelligent Online UPS	02 Nos.

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1. PADO SERVER : : 02 Nos

- Make & Model : HP/DELL/IBM - LENOVO : Model HP ML350e G9 v2or equivalent Consist of Intel® Xeon® Hexa Core Processor 2.8 GHz (1333 FSB)/8 MB L3 cache
- One additional Intel® Xeon® Hexa Core Processor 2.8 GHz (1333 FSB)/8 MB L3 cache.
- RAM 16 GB, Expandable to 64 GB Min.
- Smart Array Controller with 512MB cache (RAID 0/1/5)
- HD 300GB SAS 2.5 hot plug, RAID 5 SYSTEM: 5Nos
- REDUNDANT FAN OPTION, HOT PLUG
- REDUNDANT power OPTION, HOT PLUG
- Embedded Multifunction Gigabit NICs (4 Channel)
- Additional Multifunction Gigabit NICs (2 Channel)
- 16 X DVD R/W WORKS AT 40X WITH CD ROM/CD-R
- Removable HD 500 GB: 1 No. Make: Seagate/WD/IOMEGA .
- USB KEYBOARD
- OPTICAL MOUSE
- WIN2008 R2 SERVER 64 bit STANDARD EDITION, CD Media, Documentation and Utility CDs. Terminal CAL for 5 Workstations (used for 5 parallel login in server). (1 set).
- Integrated ATI RN50 32 bit: maximum resolution of 1280 X 1024
- 32 bit color: maximum resolution of 1600 x 1200
- 240V, 50 HZ REDUNDANT, 800W HOT PLUG POWER SUPPLY
- Power cords must be compatible with Indian socket.

2. OPERATOR & PADO INTERFACE PCS : 04 NOS.

- Make & Model : HP / DELL /IBM - LENOVO
  Consist of Intel® Core i5 2.4 GHz
- 4 MB CACHE MINIMUM. 64 BIT
- 4 GB RAM MINIMUM
- 500 GB HDD MINIMUM
- SATA DVD-ROM Drive WORKS AT 40X WITH CD ROM/CD-R
- INTEL® GRAPHICS MEDIA ACCELERATOR 4500 INTEGRATED GRAPHICS.
- OPTICAL MOUSE, KEYBOARD
- INBUILT NIC WITH UTP, NETWORK ADAPTER 10/100/1000 Mbps
- 240 W, 240 V, 50 HZ POWER SUPPLY
- Windows 7 Professional custom installed, with CD media and Documentation
- ADDITIONAL NETWORK CARD OF 1000 Mbps : 2 No
  - in all 4 PCs :one number additional network card to be fixed.
  - In two PCs 2 nd additional card to be fixed.
  - 2 cards to be supplied loose

3. 22” LED COLOR MONITOR : 06 NOS

- Make: HP/Dell/IBM - LENOVO
- IPS panel with LED backlighting
- Native resolution of 1920 X 1200 , Refresh rate : 75Hz,Non-Interlaced

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- Ports : VGA,DVI-D,HDMI
- Brightness: 250 cd/m2 min.
- Power cable to be Indian make.
- All compatible cables to be made available for connecting to PC's and servers.
- Contrast Ratio: Static 1000:1 Dynamic: 5,000,000:1

4. A4 COLOR LASER PRINTER: 01 NO.

- Make HP/Xerox/Lexmark/Canon
- Printing speed : Color : 15ppm Black: 30ppm
- Duty cycle 40,000/month min
- RAM: 256 MB min
- Compatible drivers for windows 7 and win server 2008 min.
- Network capability: gigabit
- 1 USB port.
- Power cable Indian type

5. ETHERNET SWITCHES: 01 NOS

- Make CISCO, D-Link
- Unmanaged 24 port 10/100/1000 speed
- Rack Mountable

6. POWER DISTRIBUTION BOARDS: 15 AMPS: 02 NOS

- SPIKE BUSTER WITH 2 NOS(MIN) 15A INDIAN UNIVERSAL SOCKET.
- ON/OFF SWITCH, ON/OFF INDICATOR AND FUSE
- PLUGTOP, MOULDED PLASTIC OR STEEL BODY

7. POWER DISTRIBUTION BOARDS: 5 AMPS : 10 NOS

- SPIKE BUSTER WITH 4 NOs(min) 5A INDIAN UNIVERSAL SOCKETS.
- 6A FUSE, INDICATOR SWITCH, SURGE SUPPRESSOR
- EMI/RFI FILTER, 3 CORE 5A CABLE MIN. 1M LENGTH WITH MOULDED PLUGTOP
- MOULDED PLASTIC OR STEEL BODY.

8. UTP CABLE CAT-5E PRE-FAB 1000 BASE-T :1 ROLL (305 MTRS)

- Make: D-Link/Molex/Tyco/Avaya/Belden
- Cable E-Cat5 UTP as per EIA/TIA/ISO/IEC standards
- Solid 24AWG
- Supply in roll of 305 meters
- Should be compatible for Gigabit interface

9. UTP CABLE CONNECTORS: 30 NOS

- CONNECTOR 8 PIN RJ45, MAKE: DIGI-LINK/AMP/MOLEX
- WITH BUILT IN GUIDES SUITABLE FOR ECAT5 ETHERNET UTP CABLE

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10. UTP BOOTS : 30 NOS

- BOOT FOR RJ45 UTP CONNECTOR WITHOUT HOOD
- BLUE IN COLOUR

11. MS OFFICE : 01 NOS

- MS OFFICE 2013 – home and business edition
- CD media and Documentation
- Operating System used: 2008/2012 Server /Windows 7 64 bit
- Standard warranty as per Microsoft

12. SYMANTEC ANTIVIRUS: END POINT PROTECTION: 05 USER LICENSE: 01 NOS

- End point Protection 12.1 or higher
- DVD Media and documentation
- Operating System used: Windows 2008/2012 R2 Server / Windows 7 64 bit
- Supporting 32 BIT/ 64 BIT

13. 6U WALL MOUNTED RACK : 01 NO

- (To House – 02 Nos. of 24 port Ethernet Switches)
- Power Distribution Board Mounted Inside.

14. HARDWARE FIREWALL: 01 NOS

- Make Cyberoam, Fortinet
- One year Subscription
- Cyberoam 15iNG or equivalent
- 3 nos. 10/100 Ethernet Ports
- Dynamic DNS handling capability
- VPN Connection Redundancy
- VPN Encryption – 3DES, DES, AES, Twofish, Blowfish, Serpent

15. ADSL MODEM CUM ROUTER : 01 NOS

- Make ; D-link,tp link
- RJ-11 port for ADSL Connection
- Usb Port
- RJ-45 ports for LAN connection
- Inbuilt software firewall
- Compatible software supporting Windows 7 and Windows 2008 Server

16. ETHERNET SWITCHES: 01 NOS

- Make CISCO, D-Link
- Unmanaged 08 port 10/100/1000 speed
- Rack Mountable

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17. INTELLIGENT ONLINE UPS : 02 NOS.

- Make (APC/APLAB /HIREL/IL-KOTA/EMERSON)
- Rated power:1 KVA rated with 30 min battery backup at 700 Watt load
- Input Voltage: 140-270 , Frequency: 47-53 Hz
- Output: 1 KVA rated ,Voltage: 230 V AC,50 Hz, Power factor: >=0.7
- Overall efficiency >=85% (AC to AC)
- Automatic switchover transfer time <5 millisecond OR better.
- The UPS shall be provided with a microprocessor based unit status display and controls section designed for convenient and reliable user operation. The monitoring functions such as status and alarm indications shall be displayed on an LED display or equivalent arrangement.
- The UPS should the following protections as minimum
  a. Overload
  b. Short circuit
  c. Over and under voltage
  d. Any other required for healthy operation
- Indications and alarm
  a. Battery LED indication
  b. Battery alarm
  c. Battery Power Indication
- Auto self test
  DB9-RS232 or USB
  Monitoring software for monitoring devices Status.
- Operating temperature: 0-40 Deg Celsius
  Operating relative humidity: 0-95%
- UPS shall be directly dispatched to Site after obtaining clearance from BHEL. Assembly, installation, commissioning, testing will be carried out by supplier at site along with remote monitoring software. The supplier shall arrange all the necessary tools & material required for above. The exact location of the site in India will be intimated at the time of placing order.
- All the power cables to be of Indian type and rated accordingly.
- The remote monitoring software, which needs to be installed in the PC should be compatible with Win XP professional & Windows 2003 Server OS.
- Standard USB cable or RS232 serial cable to be supplied for connection with PC.
- For input connection, minimum 1 no.10A/15A socket to be provided along with one loose matching Plug.
- For output connection, one socket strip/ spike buster with 4 Nos, 5A standard sockets (not IEC C13/14 type) with 5 mt. power cable to be provided. Other end of the cable to be suitably connected to output of the UPS.
- For Pre dispatch inspection, batteries provided by supplier will be used.

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TITLE:

PURCHASE SPECIFICATION FOR PADO SERVER, WORKSTATIONS AND NETWORK ITEMS

Material code:

REV 00 : FIRST ISSUE :06.12.2016

REVISION–00	APPROVED			
	E M S Saikumar			
	Prepared	Checked	Issued	Date
	AA	AKJ	418	06.12.16

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This specification is for supply of Servers, Workstations, Ethernet switches, Network items etc. For PADO system. The specification covers scope of supply, Quantities of each item and detailed specifications of items

- The scope of supply of hardware items required is mentioned below.
- The detailed specifications of each item are mentioned in following sheets.
- Vendor must submit filled in checklist along with quotation as per enclosed format

Scope of supply:

ITEM NO	ITEM DESCRIPTION	QTY
1	PADO SERVER	03 Nos.
2	WORKSTATIONS	04 Nos.
3	22 " COLOUR MONITORS	07 Nos.
4	A 4 COLOR LASER PRINTER	02 No.
5	ETHERNET SWITCHES : 24 PORT	02 Nos.
6	POWER DISTRIBUTION BOARDS (5A)	15 Nos.
7	POWER DISTRIBUTION BOARDS (15A)	05 Nos.
8	UTP CABLE CAT-5E 24AWG 300 Meters	02 Roll
9	UTP CABLE CONNECTORS	30 Nos.
10	BOOTS	30 Nos.
11	MS OFFICE PACKAGE	02 No.
12	Symantec ANTIVIRUS PACKAGE	02 No.
13	6U Wall Mounted Rack	02 No.
14	Hardware Firewall	02 No.
15	DLINK ADSL Modem	02 No.
16	ETHERNET SWITCHES : 08 PORT	02 No.
17	Intelligent Online UPS	03 Nos.

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1. PADO SERVER : : 03 Nos

- Make & Model : HP/DELL/IBM - LENOVO : Model HP ML350e G9 v2or equivalent Consist of Intel® Xeon® Hexa Core Processor 2.8 GHz (1333 FSB)/8 MB L3 cache
- One additional Intel® Xeon® Hexa Core Processor 2.8 GHz (1333 FSB)/8 MB L3 cache.
- RAM 16 GB, Expandable to 32 GB Min.
- Smart Array Controller with 512MB cache (RAID 0/1/5)
- HD 300GB SAS 2.5 hot plug, RAID 5 SYSTEM: 5Nos
- REDUNDANT FAN OPTION, HOT PLUG
- REDUNDANT power OPTION, HOT PLUG
- Embedded Multifunction Gigabit NICs (4 Channel)
- Additional Multifunction Gigabit NICs (2 Channel)
- 8 X DVD R/W WORKS AT 32X WITH CD ROM/CD-R
- Removable HD 500 GB: 1 No. Make: Seagate/WD/IOMEGA .
- USB KEYBOARD
- OPTICAL MOUSE
- WIN2012 R2 SERVER 64 bit STANDARD EDITION, CD Media, Documentation and Utility CDs. Terminal CAL for 5 Workstations. (1 set).
- Integrated ATI RN50 32 bit: maximum resolution of 1280 X 1024
- 32 bit color: maximum resolution of 1600 x 1200
- 240V, 50 HZ REDUNDANT, 800W HOT PLUG POWER SUPPLY
- Power cords must be compatible with Indian socket.

2. OPERATOR & PADO INTERFACE PCS : 04 NOS.

- Make & Model : HP / DELL /IBM - LENOVO
  Consist of Intel® Core i5 2.4 GHz
- 3 MB CACHE MINIMUM. 64 BIT
- 4 GB RAM MINIMUM
- 500 GB HDD MINIMUM
- SATA DVD-ROM Drive WORKS AT 40X WITH CD ROM/CD-R
- INTEL® GRAPHICS MEDIA ACCELERATOR 4500 INTEGRATED GRAPHICS.
- OPTICAL MOUSE, KEYBOARD
- INBUILT NIC WITH UTP, NETWORK ADAPTER 10/100/1000 Mbps
- 240 W, 240 V, 50 HZ POWER SUPPLY
- Windows 7 Professional custom installed, with CD media and Documentation
- ADDITIONAL NETWORK CARD OF 1000 Mbps : 1 No
  - in all 4 PCs :one number additional network card to be fixed.
  - In two PCs 2 nd additional card to be fixed.
  - 2 cards to be supplied loose

3. 22” LED COLOR MONITOR : 07 NOS

- Make: HP/Dell/IBM - LENOVO
- IPS panel with LED backlighting
- Native resolution of 1920 X 1200 , Refresh rate : 75Hz,Non-Interlaced

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- Ports : VGA,DVI-D,HDMI
- Brightness: 250 cd/m2 min.
- Power cable to be Indian make.
- All compatible cables to be made available for connecting to PC's and servers.
- Contrast Ratio: Static 1000:1 Dynamic: 5,000,000:1

4. A4 COLOR LASER PRINTER: 02 NO.

- Make HP/Xerox/Lexmark/Canon
- Printing speed : Color : 15ppm Black: 30ppm
- Duty cycle 40,000/month min
- RAM: 256 MB min
- Compatible drivers for windows 7 and win server 2008 min.
- Network capability: gigabit
- 1 USB port.
- Power cable Indian type

5. ETHERNET SWITCHES: 02 NOS

- Make CISCO, D-Link
- Unmanaged 24 port 10/100/1000 speed
- Rack Mountable

6. POWER DISTRIBUTION BOARDS: 15 AMPS: 05 NOS

- SPIKE BUSTER WITH 2 NOS(MIN) 15A INDIAN UNIVERSAL SOCKET.
- ON/OFF SWITCH, ON/OFF INDICATOR AND FUSE
- PLUGTOP, MOULDED PLASTIC OR STEEL BODY

7. POWER DISTRIBUTION BOARDS: 5 AMPS : 15 NOS

- SPIKE BUSTER WITH 4 NOs(min) 5A INDIAN UNIVERSAL SOCKETS.
- 6A FUSE, INDICATOR SWITCH, SURGE SUPPRESSOR
- EMI/RFI FILTER, 3 CORE 5A CABLE MIN. 1M LENGTH WITH MOULDED PLUGTOP
- MOULDED PLASTIC OR STEEL BODY.

8. UTP CABLE CAT-5E PRE-FAB 1000 BASE-T :2 ROLL (300 MTRS)

- Make: D-Link/Molex/Tyco/Avaya/Belden
- Cable E-Cat5 UTP as per EIA/TIA/ISO/IEC standards
- Solid 24AWG
- Supply in roll of 305 meters
- Should be compatible for Gigabit interface

9. UTP CABLE CONNECTORS: 30 NOS

- CONNECTOR 8 PIN RJ45, MAKE: DIGI-LINK/AMP/MOLEX
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- BLUE IN COLOUR

11. MS OFFICE : 01 NOS

- MS OFFICE 2013 – home and business edition
- CD media and Documentation
- Operating System used: 2008/2012 Server /Windows 7 64 bit
- Standard warranty as per Microsoft

12. SYMANTEC ANTIVIRUS: END POINT PROTECTION: 05 USER LICENSE: 02 NOS

- End point Protection 12.1 or higher
- DVD Media and documentation
- Operating System used: Windows 2008/2012 R2 Server / Windows 7 64 bit
- Supporting 32 BIT/ 64 BIT

13. 6U WALL MOUNTED RACK : 02 NO

- (To House – 02 Nos. of 24 port Ethernet Switches)
- Power Distribution Board Mounted Inside.

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- Make Cyberoam, Fortinet
- One year Subscription
- Cyberoam 15iNG or equivalent
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- Rated power:1 KVA rated with 30 min battery backup at 700 Watt load
- Input Voltage: 140-270 , Frequency: 47-53 Hz
- Output: 1 KVA rated ,Voltage: 230 V AC,50 Hz, Power factor: >=0.7
- Overall efficiency >=85% (AC to AC)
- Automatic switchover transfer time <5 millisecond OR better.
- The UPS shall be provided with a microprocessor based unit status display and controls section designed for convenient and reliable user operation. The monitoring functions such as status and alarm indications shall be displayed on an LED display or equivalent arrangement.
- The UPS should the following protections as minimum
  a. Overload
  b. Short circuit
  c. Over and under voltage
  d. Any other required for healthy operation
- Indications and alarm
  a. Battery LED indication
  b. Battery alarm
  c. Battery Power Indication
- Auto self test
  DB9-RS232 or USB
  Monitoring software for monitoring devices Status.
- Operating temperature: 0-40 Deg Celsius
  Operating relative humidity: 0-95%
- UPS shall be directly dispatched to Site after obtaining clearance from BHEL. Assembly, installation, commissioning, testing will be carried out by supplier at site along with remote monitoring software. The supplier shall arrange all the necessary tools & material required for above. The exact location of the site in India will be intimated at the time of placing order.
- All the power cables to be of Indian type and rated accordingly.
- The remote monitoring software, which needs to be installed in the PC should be compatible with Win XP professional & Windows 2003 Server OS.
- Standard USB cable or RS232 serial cable to be supplied for connection with PC.
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- For output connection, one socket strip/ spike buster with 4 Nos, 5A standard sockets (not IEC C13/14 type) with 5 mt. power cable to be provided. Other end of the cable to be suitably connected to output of the UPS.
- For Pre dispatch inspection, batteries provided by supplier will be used.

ಭಾರತ್ ಹೆವಿ ಎಲೆಕ್ಟ್ರಿಕಲ್ಸ್ ಲಿಮಿಟೆಡ್
भारत हेवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Ltd.,
(A Government of India undertaking)
Electronics Division
PB 2606 , Mysore Road Bangalore , 560026 INDIA

CE: PR: 003- Rev 00

SPECIAL COMMERCIAL CONDITIONS OF CONTRACT

Reference is brought to BHEL's Instructions to Bidders (Document Ref: CE: PR: 001- Rev 00) and General Commercial Conditions for Contract (Document Ref: CE: PR: 002- Rev 00). These two documents along with Special Conditions of Contract annexed to this RFQ will form an integral part of the contract as and when the RFQ culminates into a Purchase Order / Contract.

RFQ No: NKR0000159 **RFQ Date: As per EPS**
Due Date: AS PER EPS **Project:** VARIOUS PROJECTS (**Refer attached Annexure A)**
Item Description: PADO HARDWARE

~~**Purchase Executives:** In cases where tender documents are bulky, or due to some reasons tender documents are required to be submitted by hand, the offers are to be handed over to either of the following Purchase Officers: Mr.Nilmani Kumar , Engineer,CE-MM-PR_or Mr.H D CHANDRAIAH,Sr.Manager,CE-MM-PR~~

~~**E-mail IDs:** In case offers are sent through E-mail, please send the offers to both of the following email IDs: nilmanikumar@bheledn.co.in& ponnuguru@bheledn.co.in~~

E-tendering: Applicable~~/ **Not Applicable**~~

Type of Bid: Three part Bid system (Refer clause B of ITB)

Reverse Auction: ~~Not Applicable~~ / Will be intimated during commercial clarifications to technically acceptable vendors.
In case BHEL does not resort to Reverse Auction, the price bids and price impacts (if any) shall be opened as per BHEL's standard practice.

Splitting of tendered quantity to MSE vendors: The tendered quantity ~~will~~ /will not be split to MSE vendors ~~subject to submission of relevant documents by vendors.~~ ~~**Refer clause H of Instructions to Bidders for conditions applicable and for information on documents to be submitted.**~~

Destination: Items are to be directly despatched to BHEL's Site Office or Stores/Customer's Stores located at/near **respective project site (Refer Annexure A)**. Road Permit, if applicable, will be issued by BHEL along with Despatch Clearance.

Project Benefits:

Indigenous scope of supply: No project benefit for NTPC Farakka, NTPC Unchahar, NTPC Dadri and OPGCL IB Valley projects

a) For NTPC Darlipalli, NTPC Gadarwara, NTPC Mouda, NTPC Vindhyachal, NTPC North Karanpura, NTPC Nabinagar and RRVUNL Suratgarh Unit 7&8 **- "NIL" Excise Duty**. Necessary documents for availing Excise Duty exemption by suppliers will be furnished by BHEL.
~~b) Physical Export project: Eligible for complete exemption of Excise Duty & Sales Tax. Necessary documents for availing such benefits will be furnished by BHEL to suppliers.~~

- **Imported scope of supply:**
  ~~a) Project is Mega Power Project or Ultra Mega Power Project: Eligible for "NIL" Customs Duty.~~
  ~~b) Physical Export project: EligSible for complete exemption of Customs Duty.~~
  c) Merit Duty is applicable

Terms of Delivery:
Indicate station of despatch:
Indicate place of manufacturing (wherever applicable): _____

- **Indigenous scope of supply:** Ex-works (including Packing & Forwarding charges but excluding Taxes & Duties): _____
- **Imported scope of supply:** F.C.A. (for air consignments) /C.I.F /Bangalore (for sea consignments, Port of delivery is Chennai and destination is Bangalore) (Including Packing, Forwarding, Handling, Ancillary charges like processing of Sight Draft/ Letter of Credit, negotiation of bank documents, Export declaration, Country of Origin etc): _____ .

S NO.	TERMS	BHEL ACCEPTABLE TERM	BIDDER'S CONFIRMATION	DEVIATION IF ANY
01	**Validity**	The offer will be valid for a period of 120 days from the date of technical bid opening.	**AGREE**	
02	**Excise Duty & Cess**	If applicable, indicate current rate of Excise Duty and maximum rate of Excise Duty (against proof of Excise Invoice). However, for calculation purpose and arriving at "Total Cost to BHEL" maximum rate of Excise Duty will be considered. In case Excise Duty remains firm throughout the contract, the same shall be specifically indicated. Otherwise, maximum Excise Duty will be considered for arriving at lowest bidder. However, reimbursement of Excise Duty shall be at actuals against proof of Excise Invoice only. (Within contractual delivery). ~~Physical export contract eligible for complete exemption of Excise duty against submission of necessary documents by BHEL like ARE-1/CT-1 form.~~	**APPLICABLE / NOT APPLICABLE** Present rate of Excise Duty with CESS .....% Maximum rate of Excise Duty with CESS ……%	
03	**Central Sales Tax (CST)**	If applicable, indicate current rate of sales tax against form "C". For issue of original form "C", vendor has to furnish "E1/E2" form. To enable vendor give E1/E2 form, photocopy of C form will be issued by BHEL. Please confirm submission of "E1/E2 Sale form". ~~For physical export project, Sales Tax is exempted against necessary documents furnished by BHEL.~~	**APPLICABLE / NOT APPLICABLE** Present Sales Tax rate against form "C" ……. % **CONFIRMED**	
04	**Value Added Tax (VAT)**	If applicable, indicate current rate of VAT. When VAT is applicable, BHEL ROD's/ Nodal Agency's Name, TIN No. and address to be indicated in invoice. (Note that two original invoice and one tax invoice should be submitted to BHEL).	**APPLICABLE / NOT APPLICABLE** VAT rate at present ……. % **NOTED**	
05	**Octroi**	If applicable, indicate current rate of octroi.	**AGREE** Present Octroi rate ……..%	
06	**Freight Charges (for indigenous scope of supply)**	Freight charges shall be to vendor's account. Quote lumpsum reasonable Freight charges separately in priced offer, plus service tax if any. Vendor's offer will be evaluated on "Total cost basis" including freight charges. Vendor shall book the consignment through their approved Road carriers on "Freight pre-paid" and door delivery consignee copy attached basis. Freight charges to be claimed from BHEL along with POD (Proof of Delivery) on original L/R.	**AGREED** and quoted as lumpsum amount in price bid. Service Tax _____% (extra /inclusive in freight charges)	
07	**Service Tax on E&C and Training Charges**	If applicable, indicate current rate of Service Tax _____% Service Tax Regn. No. _____ Confirmation that Service Tax register is maintained.	**APPLICABLE / NOT APPLICABLE** **CONFIRMED**	

08	~~**Parting of license for imported raw materials**~~	~~In case of Mega project, Ultra-Mega project and Physical Export project where Custom Duty and Excise Duty are NIL and vendor is importing any raw materials / components for the enquired item, same are eligible for Zero Customs duty. As per EXIM policy, BHEL will part the import licence with the vendors to obtain import licence by themselves and custom clear the raw materials/ components by availing zero customs duty. Hence, please furnish list of raw materials / components to be imported by you with Quantity and CIF value (for which BHEL has to share import licence). The benefit due to the above shall be passed on to BHEL and confirmed in the quotation.~~ ~~If there are no imported raw materials/components, same shall be confirmed in the offer.~~	~~**AGREE**~~ ~~CIF value .....~~ ~~**Yes, benefit passed on to BHEL in the priced quotation.**~~ ~~**We confirm that there are no imported components.**~~	
09	**Delivery Period**	Within 04 weeks from the date of issue of approved documents or manufacturing clearance by BHEL, whichever is later.	**AGREE** ..... weeks	
10	**Guarantee/ Warranty**	For IB Valley , NTPC Darlipalli, NTPC Gadarwara, NTPC Unchahar, NTPC Farakka, NTPC North Karanpura & NTPC Nabinagar projects - **24 month from date of dispatch or 18 months from date of commissioning whichever is earlier** For NTPC Mouda, NTPC Vindhyachal, and NTPC Dadri projects – **18 month from date of dispatch or 12 months from date of commissioning whichever is earlier** For RRVUNL Suratgarh Unit 7&8 projects- **36 month from date of dispatch or 30 months from date of commissioning whichever is earlier**	**AGREE**	
11	**Inspection agency**	Materials will be inspected by : • BHEL • Customer/Consultant/BHEL nominated Third Party Inspection Agency (TPIA)	**AGREE**	
12	**Terms of Payment at the time of material supply**	Refer Clause "F" of Instructions to Bidder for BHEL standard Payment terms and loading factors applicable for non-compliance against payment terms: **Indigenous Scope:** ~~a)Supply with E&C~~ ~~b)Supply with Supervision of E&C~~ **c) Supply only** **Imported Scope:** ~~d)Supply with E&C~~ ~~e)Supply with Supervision of E&C~~ **f) Supply only** Note: Kindly indicate if High Sea Sales will be operated. If yes, confirm submission of relevant documents as per Annexure V of ITB.	**AGREE** **YES / NO** **CONFIRMED**	

13	**Performance Bank Guarantee (PBG)**	PBG will be applicable for a period of warranty period + claim period of 6 months for a value equal to 10% of the basic value of the purchase order for each project. Refer warranty required for each project in Sl. No. 10. Refer Clause "**G**" of Instructions to Bidders.	**AGREE**	
~~14~~	~~**Terms of Payment not related to material supply**~~	~~**For Training:**~~ ~~100% will be paid in 45 days from the date of completion of Training or 15 days from the date of submission of complete set of documentation, whichever is later.Separate invoice shall be submitted for Training charges along with documentary evidence.~~ ~~**For Engineering & Documentation Charges:**~~ ~~100% will be paid in 45 days from the date of approval of final documents or 15 days from the date of submission of invoice, whichever is later. Separate invoice to be submitted for Engineering & documentation charges.~~	**AGREE**	
15	**Mode of despatch**	**Indigenous Scope:** By Road on Door Delivery Consignee Copy attached basis through your approved transporter (unless otherwise indicated in Despatch Instructions), only on receipt of Despatch Clearance from BHEL. **Imported Scope:** By Air/Sea through BHEL approved Consolidator/Freight Forwarder, only on receipt of Despatch Clearance from BHEL.	**AGREE**	
16	**Despatch Documents**	Complete set of despatch documents (original + 1 photocopy set) as per Purchase Order shall be forwarded to BHEL directly. Depending upon the project/customer demands, despatch documents may include one or more documents from the following: Commercial Invoice, Excise Invoice (if ED is applicable), Lorry Receipt (L/R), Packing List, Air Way Bill (AWB), Country of origin certificate, Warranty Certificate, Insurance Intimation letter, NIL Short Shipment Certificate, Original Performance Bank Guarantee (directly from issuing bank to BHEL), POD (Proof of Delivery) on original L/R, Disclaimer Certificate (as per BHEL format attached as Annexure XI) along with ER-1 form & attested excise invoice (as per project demands like Nuclear Power plant) etc. **The precise list of despatch documents needed for a particular project will be specified in the Purchase Order.** One set of Invoice, Packing List and L/R or AWB shall be e-mailed/faxed immediately to BHEL-EDN after despatch.	**AGREE**	
17	**O & M Manuals**	As built Drawings, O & M Manuals and other approved documents shall be furnished in required no. of sets as per Specification/Purchase Order. Note: Supply of above documents (O&M) in required no. of sets along with material shall be indicated in packing list. If not mentioned BHEL may insist for submission in required sets once again.	**AGREE**	
18	~~**Quantity Tolerance**~~	~~If applicable, indicate Quantity tolerance for each of the line item.~~ ~~For Impulse/seamless/ GI pipes one random length applicable for each variety of pipes.~~	~~**CONFIRMED**~~	~~Quantity Tolerance ..... % Per Variety~~

19	**Evaluation criteria for tendered item**	Tender will consist of following three packages and evaluation, ranking and ordering will be done on package wise L1 basis- 1. Package – 1 - All NTPC Projects 2. Package 2 - RRVUNL Suratgarh Unit 7&8 3. Package – 3 - OPGCL IB Valley	**AGREE**	
20	**Integrity Commitment**	Integrity commitment will be applicable in the tender process and execution of contracts as mentioned in clause "**I**" of Instructions to Bidders.	**AGREE**	

With this, it is inferred that vendor has understood and accepts all terms & conditions as indicated in Instructions to Bidders (Document Ref: CE: PR: 001- Rev 00) & General Commercial Conditions for Contract (Document Ref: CE: PR: 002- Rev 00).

Vendor to confirm following -

1. **Vendor to mandatorily quote for the lumpsum charge for customer visit for inspection as per Annexure for arrangement of customer inspection only for RRVUNL Suratgarh Unit 7&8 projects.**
2. **Separate PO will be issued for each project.**
3. **Manufacturing clearance and dispatch clearance for each project will be given separately.**
4. **Vendor has to mandatorily give Breakup for freight charge for each project as per Annexure A as attachment in price bid.**

VENDOR'S SIGNATURE WITH SEAL

NOTE: The above filled-in and signed-sealed document (in original) shall be furnished as part of Part-I Bid without fail. If no deviations are brought, it will be treated as if all terms and conditions of this enquiry are accepted by vendor without any deviation.

ANNEXURE A Format for projectwise Freight charge (TO BE SUBMITTED AS ATTACHMENT IN PART - 3 PRICE BID)			
Sl No.	Project -	Delivery Location	Freight charge
1	NTPC Darlipalli	Items are to be directly despatched to BHEL's Site Office or Stores/Customer's Stores located at/near NTPC Darlipalli project site near Jharsuguda in Odisha STATE	
2	NTPC Gadarwara	Items are to be directly despatched to BHEL's Site Office or Stores/Customer's Stores located at/near NTPC GADARWARA project site near Gadarwara in Madhya Pradesh STATE	
3	NTPC Farakka	Items are to be directly despatched to BHEL's Site Office or Stores/Customer's Stores located at/near NTPC Farakka project site near Kolkata inWest Bengal STATE	
4	NTPC Mouda	Items are to be directly despatched to BHEL's Site Office or Stores/Customer's Stores located at/near NTPC Mouda project site near Nagpur in Maharshtra STATE	
5	NTPC Unchahar	Items are to be directly despatched to BHEL's Site Office or Stores/Customer's Stores located at/near NTPC Unchahar project site near Allahabad in Uttar Pradesh STATE	
6	NTPC Vindhyachal	Items are to be directly despatched to BHEL's Site Office or Stores/Customer's Stores located at/near NTPC Vindhyachal project site near Singrauli in Madhya Pradesh STATE	
7	NTPC North Karanpura	Items are to be directly despatched to BHEL's Site Office or Stores/Customer's Stores located at/near NTPC North Karanpura project site near Tandwa Town, Chatra District in Jharkhand STATE	
8	NTPC Dadri	Items are to be directly despatched to BHEL's Site Office or Stores/Customer's Stores located at/near NTPC Dadri project site near Dadri in Uttar Pradesh STATE	
9	NTPC Nabinagar	Items are to be directly despatched to BHEL's Site Office or Stores/Customer's Stores located at/near NTPC Nabinagar project site near Nabinagar in Bihar STATE	
10	RRVUNL Suratgarh Unit 7	Items are to be directly despatched to BHEL's Site Office or Stores/Customer's Stores located at/near RRVUNL Suratgarh project site near Suratgarh in Rajsthan STATE	
11	RRVUNL Suratgarh Unit 8	Items are to be directly despatched to BHEL's Site Office or Stores/Customer's Stores located at/near RRVUNL Suratgarh project site near Suratgarh in Rajsthan STATE	
12	OPGCL IB Valley	Items are to be directly despatched to BHEL's Site Office or Stores/Customer's Stores located at/near OB Valley project site near Banharpalli, Jharsaguda in Odisha state	

Vendor signature with seal

Clause towards arrangement of customer inspection by vendor:

Generally, 01 (one) RRVUNL Inspector shall carry out inspection and the details viz.,**Arranging Travel, Boarding, Lodging & reimbursement of Journey DA & Local Transportation expenses** to the RRVUNL inspector are as mentioned under:

1. **Travel Expenses**:

a. **Onward Journey**:

i. **For travel which can be performed overnight by train / road and in case of Inspector's demand**: Vendor shall arrange the ticket limited to 2AC Train Fare.

ii. **For travel which cannot be performed overnight by train / road:** 2AC Train Ticket from Customer starting point to the nearest airport, Air Ticket (Economy Class) from there to the nearest airport at vendors' works and 2AC Train Ticket / AC Taxi, as applicable, from there to Guest House / Hotel shall be arranged by the vendor.

b. **Return Journey**: Vendor shall arrange for return journey applicable, as indicated in 1(a) from Guest House / Hotel to Customer starting point.

In this context, customer starting point probably can be Jaipur, Suratgarh or Chhabra.

2. **Boarding, Lodging**: Food & Standard-AC Room Hotel Accommodation to be arranged by the vendor. The boarding & lodging charges put together shall be limited to INR 3,500.00 per day (Taxes & Duties extra as applicable).

3. **Journey DA**: Journey DA @ INR 250.00 per day shall be provided to the Inspector by the vendor.

4. **Local Transportation**: Local Transportation from Guest House / Hotel to vendors' works and back to be arranged by the vendor.

5. **Other Local Transportation** incurred towards inspection (ex: Customer's residence to Railway Stn. / Airport / Bus Stand, Interim local travel, if applicable and back etc.) which are not arranged by the vendor, shall be reimbursed to the Inspector by the vendor limited to INR 1500.00, per inspection visit.

*Please be informed that "**The total cost to BHEL**" will be calculated including these inspection charges for arriving at L1 status. In this regard, the inspection charges are to be necessarily quoted in Lump sum and should be inclusive of taxes & duties*.

Payment Terms towards Inspection Charges is proposed as: "100% payment with applicable taxes & duties will be paid with 15 days credit from the date of submission of complete set of documentation to BHEL". It shall be noted that this payment will be made without linking to main supply payment.

Documents to be produced by the vendor to BHEL for processing of the above charges, as permissible:

- Air Ticket / Train Ticket / Bus Ticket / Taxi Receipt to be produced for Sl. No. 01 above.
- Hotel Bill signed by RRVUNL representative to be produced for Sl. No. 02 above.
- Cash Receipt signed by RRVUNL representative to be produced for Sl. No.s 03 & 05 above.

In this connection, the under-mentioned conditions shall be clearly noted and to be understood by vendor to enable smoother processing of inspection charges:

A. In cases of stage inspection / staggered inspection / re-inspection on account of equipment failure (or) otherwise(material cleared in first inspection itself), the amount reimbursed to vendor will be limited to the Lump sum Charges quoted in Price-Bid (or) actuals claimed by vendor, whichever is lesser.

B. In the event of cancellation of inspection by RRVUNL Inspector, charges incurred towards cancellation of AIR / Train / Bus Tickets only shall be reimbursed.

C. In the event of inspection waiver after booking the tickets as per confirmation by RRVUNL for carrying out inspection, charges incurred towards cancellation of AIR / Train / Bus Tickets only shall be reimbursed.

D. Only in case of material not found ready after RRVUNL visit to inspect the material, the incurred inspection charges against that inspection alone shall not be reimbursed to vendor by BHEL. Needless to mention that vendor has to bear / reimburse all charges mentioned in Sl. No. 01 to 05 above, to customer.

Please be noted that Inspection call shall be raised on RRVUNL, only upon receipt of Internal Test Certificates wherever possible, thereby ensuring material readiness for inspection. Also, as far as possible, vendor shall ensure that materials being ordered as per contract are to be offered for inspection in a single package / lot. Also note that Inspection shall be scheduled preferably within 02 weeks from the date of receipt of inspection call.

Vendor's compliance to the above clause shall be provided by uploading signed and stamped copy of this document in part-II bid submission.

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भारत हेवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Ltd.,
(A Government of India undertaking)
Electronics Division
PB 2606 , Mysore Road Bangalore , 560026 INDIA

CE: PR: 002- Rev 00

GENERAL COMMERCIAL CONDITIONS FOR CONTRACT

These 'General Commercial Conditions for Contract for Purchase' hereinafter referred to as GCC apply to all enquiries, tenders, requests for quotations, orders, contracts and agreements concerning the supply of goods and the rendering of related services (hereinafter referred to as "deliveries") to Bharat Heavy Electricals Limited and any of its units, regions or divisions (hereinafter referred to as "BHEL" or the Purchaser) or its projects / customers.

Any deviations from or additions to these GCC require BHEL's express written consent. The general terms of business or sale of the vendor shall not apply to BHEL. Acceptance, receipt of shipments or services or effecting payment shall not mean that the general terms of business or sale of the vendor have been accepted.

Orders, agreements and amendments thereto shall be binding if made or confirmed by BHEL in writing. Only the Purchasing department of BHEL is authorized to issue the Purchase Order or any amendment thereof.

Definitions: Throughout these conditions and in the specifications, the following terms shall have the meanings assigned to them, unless the subject matter or the context requires otherwise.

a) 'The Purchaser' means Bharat Heavy Electricals Limited, Electronics division, Mysore road, Bangalore 560 026, a Unit of Bharat Heavy Electricals Limited (A Govt. of India Undertaking) incorporated under the Companies Act having its registered office at BHEL House, Siri Fort, New Delhi-110049, India and shall be deemed to include its successors and assigns. It may also be referred to as BHEL.
b) 'The vendor' means the person, firm, company or organization on whom the Purchase Order is placed and shall be deemed to include the vendor's successors, representative heirs, executors and administrator as the case may be. It may also be referred to as Seller, Contractor or Supplier.
c) 'Contract' shall mean and include the Purchase Order incorporating various agreements, viz. tender/ RFQ, offer, letter of intent / acceptance / award, the General Conditions of Contract and Special Conditions of Contract for Purchase, Specifications, Inspection / Quality Plan, Schedule of Prices and Quantities, Drawings, if any enclosed or to be provided by BHEL or his authorized nominee and the samples or patterns if any to be provided under the provisions of the contract.
d) 'Parties to the Contract' shall mean the 'The Vendor' and the Purchaser as named in the main body of the Purchase Order.

Interpretation:

In the contract, except where the context requires otherwise:

a) words indicating one gender include all genders;
b) words indicating the singular also include the plural and words indicating the plural also include the singular;
c) provisions including the word "agree", "agreed" or "agreement" require the agreement to be recorded in writing, and
d) "Written" or "in writing" means hand-written, type-written, printed or electronically made, and resulting in a permanent record.

(SVRao)

Applicable Conditions:

1. Price Basis: All prices shall be firm until the purchase order is executed / completed in all respects. No price variations / escalation shall be permitted unless otherwise such variations / escalations are provided for and agreed by BHEL in writing in the purchase order.

2. Validity: The offer will be valid for a period of 120 days from the date of technical bid opening date. Validity beyond 120 days, if required, will be specified in the SCC (special conditions of contract).

3. Ordering and confirmation of Order: Vendor shall send the order acceptance on their company letter head within two weeks from the date of Purchase Order or such other period as specified / agreed by BHEL. BHEL reserves the right to revoke the order placed if the order confirmation differs from the original order placed. The acceptance of goods/services/supplies by BHEL as well as payments made in this regard shall not imply acceptance of any deviations.
   The purchase order will be deemed to have been accepted if no communication to the contrary is received within two weeks (or the time limit as specified / agreed by BHEL) from the date of the purchase order.

4. Documentation: After receipt of Purchase Order, vendor should submit required documents like drawings, bill of materials, datasheets, catalogues, quality plan, test procedure, type test report , O & M Manuals and/or any other relevant documents as per Specification/Purchase Order, as and when required by BHEL/Customer.
   At any stage within the contract period, the vendor shall notify of any error, fault or other defect found in BHEL's documents /specifications or any other items for reference. If and to the extent that (taking account of cost and time) any vendor exercising due care would have discovered the error, fault or other defect when examining the documents/specifications before submitting the tender, the time for completion shall not be extended. However if errors, omissions, ambiguities, inconsistencies, inadequacies or other defects are found in the vendor's documents, they shall be corrected at his cost, notwithstanding any consent or approval.

5. Penalty:
   For delay in documentation: In the event of delay in submission of complete set of documents ((like drawings, bill of materials, datasheets, catalogues, quality plan etc. as called in tender specifications including soft copies wherever applicable) in required sets beyond three weeks (or as agreed/indicated in the Purchase Order) from the date of Purchase Order, penalty at 0.5% (half percent) per week or part thereof, limited to a maximum of 5% (five percent) of the basic material value of the Purchase Order will be applicable.

   For delay in delivery: In the event of delay in agreed contractual delivery as per Purchase Order, penalty @ 0.5 % (half percent) per week or part thereof but limited to a max of 10% (ten percent) value of undelivered portion (basic material cost) will be applicable. Delivery will commence from the date of document approval by customer / BHEL or date of issue of manufacturing clearance, whichever is later. The date for which Inspection call is issued by vendor along with test certificates / test reports / Certificate of Conformance / calibration reports, as proof of completion of manufacturing will be treated as date of deemed delivery for penalty calculation. In the absence of furnishing such document indicated above as proof of completion of manufacturing along with inspection call, actual date of inspection will be considered as date of deemed delivery and BHEL will not be responsible for delay in actual date of inspection.

   Penalty for delayed documentation/delayed delivery, if applicable, shall be deducted at the time of first payment. If penalty is applicable for duration of less than a week, penalty @ 0.5% (half percent) of the basic material value will be deducted.

6. Contract variations (Increase or decrease in the scope of supply): BHEL may vary the contracted scope as per requirements at site. If vendor is of the opinion that the variation has an effect on the agreed price or delivery period, BHEL shall be informed of this immediately in writing along with technical details. Where unit rates are available in the Contract, the same shall be applied to such additional work. Vendor shall not

(Sri Rao)

perform additional work before BHEL has issued written instructions / amendment to the Purchase Order to that effect. The work which the vendor should have or could have anticipated in terms of delivering the service(s) and functionality (i.e.) as described in this agreement, or which is considered to be the result of an attributable error on the vendor's part, shall not be considered additional work.

7. Reverse Auction: BHEL reserves the right to follow REVERSE AUCTION PROCEDURE (ONLINE BIDDING ON NETWORK) before finalising the Purchase order on technically competent bidders, as per the guidelines given in Annexure III. In case BHEL does not resort to Reverse Auction, the price bids and price impacts (if any) already submitted and available with BHEL shall be opened as per BHEL's standard practice.

8. Inspection: Prior written notice of at least 10 days shall be given along with internal test certificates / COC and applicable test certificates. Materials will be inspected by BHEL-EDN-QS/CQS or BHEL nominated Third Party Inspection Agency (TPIA) or BHEL authorized Inspection Agency or Customer / Consultant or jointly by BHEL & Customer / consultant. All tests have to be conducted as applicable in line with approved Quality plan or QA Checklist or Purchase specification and original reports shall be furnished to BHEL-EDN, Bangalore for verification / acceptance for issue of dispatch clearance.
   All costs related to inspections & re-inspections shall be borne by vendor. Whether the Contract provides for tests on the premises of the vendor or any of his Sub-contractor/s, vendor shall be responsible to provide such assistance, labour, materials, electricity, fuels, stores, apparatus, instruments as may be required and as may be reasonably demanded to carry out such tests efficiently. Cost of any type test or such other special tests shall be borne by BHEL only if specifically agreed to in the purchase order.

9. Transit Insurance: Transit insurance coverage between vendor's works and project site shall be to the account of BHEL, unless specifically agreed otherwise. However, vendor shall send intimation directly to insurance agency (as mentioned in dispatch instructions issued by BHEL) through fax/courier/e-mail, immediately on dispatch of goods for covering insurance. A copy of such intimation sent by vendor to insurance agency shall be given to BHEL along with dispatch documents. Dispatch documents will be treated as incomplete without such intimation copy. BHEL shall not be responsible for sending intimations to insurance agency on behalf of the vendor.

10. High Sea Sales (HSS): Customs clearance of the consignment landed on Indian Sea / Air ports will be done by BHEL based on the original HSS documents provided by vendors.
    Any delay in submission of complete / correct HSS documents to BHEL may incur demurrage charges. All demurrage charges on account of incomplete / incorrect HSS documents submission by vendor will be to vendor's account and all such charges will be recovered from any of the available vendor bills with BHEL.

11. Packaging and dispatch: The Seller shall package the goods safely and carefully and pack them suitably in all respects considering the peculiarity of the material for normal safe transport by Sea / Air / Rail / Road to its destination suitably protected against loss, damage, corrosion in transit and the effect of tropical salt laden atmosphere. The packages shall be provided with fixtures / hooks and sling marks as may be required for easy and safe handling. If any consignment needs special handling instruction, the same shall be clearly marked with standard symbols / instructions. Hazardous material should be notified as such and their packing, transportation and other protection must conform to relevant regulations.
    The packing, shipping, storage and processing of the goods must comply with the prevailing legislation and regulations concerning safety, the environment and working conditions. Any Imported/Physical Exports items packed with raw / solid wood packing material should be treated as per ISPM – 15 (fumigation) and accompanied by Phytosanitory / Fumigation certificate. If safety information sheets (MSDS – Material Safety Data Sheet) exist for an item or the packaging, vendor must provide this information without fail along with the consignment.
    Each package must be marked with Consignee name, Purchase order number, Package number, Gross weight and net weight, dimensions (L x B x H) and Seller's name. Packing list of goods inside each package with PO item number and quantity must also be fixed securely outside the box to indicate the contents of each box. Total number of packages in the consignment must also be indicated.
    Separate packing & identification of items should be as follows.
    1. Main Scope - All items must be tagged with part no. & item description.
    2. Commissioning spares - All items must be tagged with part no. & item description.
    3. Mandatory spares - All items must be tagged with part no. & item description.

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12. Assignment of Rights & Obligations; Subcontracting: Vendor is not permitted to subcontract the delivery or any part thereof to third party or to assign the rights and obligations resulting from this agreement in whole or in part to third parties without prior written permission from BHEL. Any permission or approval given by the BHEL shall, however, not absolve the vendor of the responsibility of his obligations under the Contract.

13. Progress report: Vendor shall render such report as to the progress of work and in such form as may be called for by the concerned purchase officer from time to time. The submission and acceptance of such reports shall not prejudice the rights of BHEL in any manner.

14. Non-disclosure and Information Obligations: Vendor shall provide with all necessary information pertaining to the goods as it could be of importance to BHEL. Vendor shall not reveal confidential information that may be divulged by BHEL to Vendor's employees not involved with the tender/ contract & its execution and delivery or to third parties, unless BHEL has agreed to this in writing beforehand. Vendor shall not be entitled to use the BHEL name in advertisements and other commercial publications without prior written permission from BHEL.

15. Cancellation / Termination of contract: BHEL shall have the right to completely or partially terminate the agreement by means of written notice to that effect. Termination of the Contract, for whatever reason, shall be without prejudice to the rights of the parties accrued under the Contract up to the time of termination.
    BHEL shall have the right to cancel/foreclose the Order/ Contract, wholly or in part, in case it is constrained to do so, on account of any decline, diminution, curtailment or stoppage of the business.

16. Risk Purchase Clause: In case of failure of supplier, BHEL at its discretion may make purchase of the materials / services NOT supplied / rendered in time at the RISK & COST of the supplier. Under such situation, the supplier who fails to supply the goods in time shall be wholly liable to make good to BHEL any loss due to risk purchase.
    In case of items demanding services at site like erection and commissioning, vendor should send his servicemen /representatives within 7 days from the service call. In case a vendor fails to attend to the service call, BHEL at its discretion may also make arrangements to attend such service by other parties at the **RISK & COST** of the supplier. Under such situation the supplier who fails to attend the service shall be wholly liable to make good to BHEL any loss due to risk purchase / service including additional handling charges due to the change.

17. Shortages: In the event of shortage on receipt of goods and/or on opening of packages at site, all such shortages shall be made good within a reasonable time that BHEL may allow from such intimation and free of cost. In case BHEL raises an insurance claim, the cost of material limited to insurance settled amount less handling charges will have to be reimbursed by the Supplier.
    Transit Damages: In the event of receipt of goods in damaged condition or having found them so upon opening of packages at site, Supplier shall make good of all such damages within a reasonable time from such intimation by BHEL. In case BHEL raises an insurance claim, the cost of material limited to insurance settled amount less handling charges will be reimbursed.

18. Remedial work: Notwithstanding any previous test or certification, BHEL may instruct the vendor to remove and replace materials/goods or remove and re-execute works/services which are not in accordance with the purchase order. Similarly BHEL may ask the vendor to supply materials or to execute any services which are urgently required for any safety reasons, whether arising out of or because of an accident, unforeseeable event or otherwise. In such an event, Vendor shall provide such services within a reasonable time as specified by BHEL.

19. Indemnity Clause: Vendor shall comply with all applicable safety regulations and take care for the safety of all persons involved. Vendor is fully responsible for the safety of its personnel or that of his subcontractor's men / property, during execution of the Purchase Order and related services. All statutory payments including PF, ESI or other related charges have to be borne by the vendor. Vendor is fully responsible for ensuring that all legal compliances are followed in course of such employment.

20. Product Information, Drawings and Documents: Drawings, technical documents or other technical information received by Vendor from BHEL or vice versa shall not, without the consent of the other party, be used for any other purpose than that for which they were provided. They may not, without the consent of the Disclosing party, otherwise be used or copied, reproduced, transmitted or communicated to third parties. All information and data contained in general product documentation, whether in electronic or any other form, are binding only to the extent that they are by reference expressly included in the contract.
    Vendor, as per agreed date/s but not later than the date of delivery, provide free of charge information and drawings which are necessary to permit and enable BHEL to erect, commission, operate and maintain the product. Such information and drawings shall be supplied in as many numbers of copies as may be agreed upon.
    All intellectual properties, including designs, drawings and product information etc. exchanged during the formation and execution of the Contract shall continue to be the property of the disclosing party.

21. Intellectual Property Rights, Licenses: If any Patent, design, Trade mark or any other intellectual property rights apply to the delivery (goods / related service) or accompanying documentation shall be the exclusive property of the Vendor and BHEL shall be entitled to the legal use thereof free of charge by means of a non-exclusive, worldwide, perpetual license. All intellectual property rights that arise during the execution of the Purchase Order/ contract for delivery by vendor and/or by its employees or third parties involved by the vendor for performance of the agreement shall belong to BHEL. Vendor shall perform everything necessary to obtain or establish the above mentioned rights. The Vendor guarantees that the delivery does not infringe on any of the intellectual property rights of third parties. The Vendor shall do everything necessary to obtain or establish the alternate acceptable arrangement pending resolution of any (alleged) claims by third parties. The Vendor shall indemnify BHEL against any (alleged) claims by third parties in this regard and shall reimburse BHEL for any damages suffered as a result thereof.

22. Force Majeure: Notwithstanding anything contained in the purchase order or any other document relevant thereto, neither party shall be liable for any failure or delay in performance to the extent said failures or delays are caused by the "Act of God" and occurring without its fault or negligence, provided that, force majeure will apply only if the failure to perform could not be avoided by the exercise of due care and vendor doing everything reasonably possible to resume its performance.
    A party affected by an event of force majeure which may include fire, tempest, floods, earthquake, riot, war, damage by aircraft etc., shall give the other party written notice, with full details as soon as possible and in any event not later than seven (7) calendar days of the occurrence of the cause relied upon. If force majeure applies, dates by which performance obligations are scheduled to be met will be extended for a period of time equal to the time lost due to any delay so caused.

    Notwithstanding above provisions, in an event of Force Majeure, BHEL reserves for itself the right to cancel the order/ contract, wholly or partly, in order to meet the overall project schedule and make alternative arrangements for completion of deliveries and other schedules.

23. Guarantee / Warranty: Wherever required, and so provided in the specifications / Purchaser Order, the Seller shall guarantee that the stores supplied shall comply with the specifications laid down, for materials, workmanship and performance. Unless otherwise specified, guarantee / warranty period shall be 30 months after the date of delivery of goods or 24 months from the date of commissioning of goods whichever is earlier. The guarantee / warranty period as described above shall apply afresh to replaced, repaired or re-executed parts of a delivery. Unless otherwise specifically provided in the Purchase Order, Vendor's liability shall be co terminus with the expiration of the applicable guarantee / warranty period.

24. Limitation of Liability: Vendor's liability towards this contract is limited to a maximum of 100% of the contract value and consequential damages are excluded. However the limits of liability will have no effect in cases of criminal negligence or wilful misconduct.
    The total liability of Vendor for all claims arising out of or relating to the performance or breach of the Contract or use of any Products or Services or any order shall not exceed the total Contract price.

(SVRao)

25. Liability during guarantee / warranty: Vendor shall arrange replacement / repair of all the defective materials / services under its obligation under the guarantee / warranty period. The rejected goods shall be taken away by vendor and replaced / repaired. In the event of the vendor's failure to comply, BHEL may take appropriate action including disposal of rejections and replenishment by any other sources at the cost and risk of the vendor.
In case, defects attributable to vendor are detected during first time commissioning or use, vendor shall be responsible for replacement / repair of the goods as required by BHEL at vendor's cost. In all such cases expiry of guarantee / warranty will not be applicable.

26. Liability after guarantee / warranty period: At the end of the guarantee / warranty, the Vendor's liability ceases except for latent defects (latent defects are defects / performance issues notices after the guarantee / warranty has expired). The Contractor's liability for latent defects warranty for the plant and equipment including spares shall be limited to a period of six months from the end of the guarantee / warranty period of the respective plant and equipment including spares or first time commissioning whichever is later but not later than 3 (three) years from the date of shipment.

27. Compliance with Laws: Vendor shall, in performing the contract, comply with all applicable laws. The vendor shall make all remittances, give all notices, pay all taxes, duties and fees, and obtain all permits, licences and approvals, as required by the laws in relation to the execution and completion of the contract and for remedying of any defects; and the Contractor shall indemnify and hold BHEL harmless against and from the consequences of any failure to do so.

28. Settlement of Disputes: Except as otherwise specifically provided in the Purchase Order, decision of BHEL shall be binding on the vendor with respect to all questions relating to the interpretation or meaning of the terms and conditions and instructions herein before mentioned and as to the completion of supplies/work/services, other questions, claim, right, matter or things whatsoever in any way arising out of or relating to the contract, instructions, orders or these conditions or otherwise concerning the supply or the execution or failure to execute the order, whether arising during the schedule of supply/work or after the completion or abandonment thereof. Any disputes or differences among the parties shall to the extent possible be settled amicably between the parties thereto, failing which the disputed issues shall be settled through arbitration. Vendor shall continue to perform the contract, pending settlement of dispute(s).

29. Arbitration Clause: In case amicable settlement is not reached in the event of any dispute or difference arising out of the execution of the Contract or the respective rights and liabilities of the parties or in relation to interpretation of any provision in any manner touching upon the Contract, such dispute or difference shall (except as to any matters, the decision of which is specifically provided for therein) be referred by either party to the sole arbitration of an Arbitrator appointed by the Executive Director/ General Manager of the purchasing unit/ region/ division of BHEL. Vendor shall have no objection even if the Arbitrator so appointed is an employee of BHEL or has ever dealt/ had to deal with any matter relating to this Contract.
Subject as aforesaid the provisions of the Arbitration and Conciliation Act, 1996 of India or any statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceedings under this clause. It is a term of contract that the party initiating arbitration shall specify the dispute or disputes to be referred to arbitration under this clause together with the amount or amounts claimed in respect of each such dispute. The venue for the arbitration shall be Bangalore, India. The award of the arbitrator shall be a speaking award and shall be final, conclusive and binding on all parties to this contract.
The cost of arbitration shall be borne equally by the parties. Notwithstanding the existence of any dispute or difference or any reference for the arbitration, the vendor shall proceed with and continue without hindrance the performance of the work under the contract with due diligence and expedition in a professional manner.

30. Applicable Laws and Jurisdiction of Courts: Prevailing Indian laws both substantive and procedural, including modifications thereto, shall govern the Contract. 5ubject to the conditions as aforesaid, the competent courts in BANGALORE alone shall have jurisdiction to consider over any matters touching upon this contract.

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31. General Terms: That any non-exercise, forbearance or omission of any of the powers conferred on BHEL and /or any of its authorities will not in any manner constitute waiver of the conditions hereto contained in these presents.
That the headings used in this agreement are for convenience of reference only.
That all notices etc., to be given under the Purchase order shall be in writing, type script or printed and if sent by registered post or by courier service to the address given in this document shall be deemed to have been served on the date when in the ordinary course, they would have been delivered to the addressee.

(SV Rao)

32. Fraud Prevention Policy: The bidder along with its associate/collaborators/sub-contractors/ sub-vendors/consultants/service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website http://www.bhel.com and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

ಭಾರತ್ ಹೆವಿ ಎಲೆಕ್ಟ್ರಿಕಲ್ಸ್ ಲಿಮಿಟೆಡ್
भारत हेवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Ltd.,
(A Government of India undertaking)
Electronics Division
PB 2606 , Mysore Road Bangalore , 560026 INDIA

CE: PR: 001- Rev 00

INSTRUCTIONS TO BIDDERS (Common for all RFQs)

Bidder is requested to read the instructions carefully and submit their quotation covering all the points:

A. GENERAL INSTRUCTIONS:

1. Any Purchase Order resulting from this enquiry shall be governed by the Instructions to Bidders (document reference: CE: PR: 001 – Rev 00), General Conditions of Contract (document reference: CE: PR: 002 - Rev 00) and Special Conditions of Contract, if any, of the enquiry.
2. Any deviations from or additions to the "General Conditions of Contract" or "Special Conditions of Contract" require BHEL's express written consent. The general terms of business or sale of the bidder shall not apply to this tender.
3. Bidders (also includes the term suppliers / contractors wherever used in this document) are instructed to quote their most competitive price and best delivery, etc. in the offer. Prices should be indicated in both figures & words. **(Please also refer clause 11 under section B)**
4. Regret letter (either through post or by mail) indicating reasons for not quoting must be submitted without fail, in case of non-participation in this tender. If a bidder fails to respond against 3 consecutive tenders for the same item, he will be liable for removal as a registered vendor of BHEL.
5. Procurement directly from the manufacturers shall be preferred. However, if the OEM / Principal insist on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer / supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer / supplier or the manufacturer / supplier could bid directly but not both. In case bids are received from the manufacturer / supplier and his agent, bid received from the agent shall be ignored.
6. Consultant / firm (and any of its affiliates) shall not be eligible to participate in the tender/s for the related goods for the same project if they were engaged for consultancy services for the same project.
7. If an Indian representative / associate / liaison office quotes on behalf of a foreign based bidder, such representative shall furnish compulsorily the following documents:
   a. Authorization letter to quote and negotiate on behalf of such foreign-based bidder.
   b. Undertaking from such foreign based bidder that such contract will be honored and executed according to agreed scope of supply and commercial terms and conditions.
   c. Undertaking shall be furnished by the Indian representative stating that the co-ordination and smooth execution of the contract and settlement of shortages / damages / replacement / repair of imported scope till system is commissioned and handed over to customer will be the sole responsibility of the Indian representative / associates / agent / liaison office.
   d. Refer **Annexure X** on "Guidelines for Indian Agents".
8. In case of imported scope of supply, customs clearance & customs duty payment will be to BHEL account after the consignment is received at Indian Airport / Seaport. Bidders must provide all original documents required for completing the customs clearance along with the shipment. Warehousing charges due to

incomplete or missing documentation will be recovered from the supplier's bill. All offers for imported scope of supply must be made from any of the gateway ports (within the country) indicated. **(Refer Annexure I)**

9. The offers of the bidders who are on the banned list and also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of the banned firms is available on BHEL website: **www.bhel.com**
10. Business dealings with bidders will be suspended if they are found to have indulged in any malpractices / misconduct which are contrary to business ethics like bribery, corruption, fraud, pilferage, cartel formation, submission of fake/false/forged documents, certificates, information to BHEL or if they tamper with tendering procedure affecting the ordering process or fail to execute a contract, or rejection of 3 consecutive supplies or if their firms / works are under strike / lockout for a long period.

B. <u>GUIDELINES FOR PREPARATION OF OFFER:</u>

1. Quotation shall be submitted in Single Part Bid, Two Part Bid or Three Part Bid, as called for in the tender:
   - **SINGLE PART BID**: Technical and Commercial Bid with prices along with price summary & filled in BHEL Standard Commercial terms and conditions in a single sealed envelope.
   - **TWO PART BID**: Unpriced offer i.e. "Techno-commercial Bid" with filled in BHEL Standard Commercial terms and conditions in a sealed envelope **along with the copy of the "Price Bid" without the prices** should be enclosed in one cover and the cover must be super scribed **"Techno-commercial offer)** and Priced offer i.e. "Price Bid" containing price summary in a separate sealed envelope and must be super scribed **"Price Bid"**. Both these envelopes shall be enclosed in a single sealed envelope super scribed with enquiry number due date of tender and any other details as called for in the tender document.
   - **THREE PART BID**: Pre-qualification Bid (Part-I), Techno Commercial Bid with filled in BHEL Standard Commercial terms and conditions (Part-II), and Price Bid (Part-III). All three envelopes shall be enclosed in a single sealed envelope super scribed with enquiry number due date of tender and any other details as called for in the tender document.

   If any of the offers (Part I, Part II or Part III) are not submitted before the due date and time of submission or if any part of the offer is incomplete the entire offer of the bidder is liable for rejection.

2. Supplier shall ensure to super scribe each envelope with RFQ number, RFQ Date, RFQ Due date and time, Item Description and Project clearly & boldly. Also mention on the envelope whether it is "Techno Commercial Bid" or "Price Bid" or "Pre-Qualification Bid". Pease ensure complete address, department name and purchase executive name is mentioned on the envelope (before dropping in the tender box or handing over) so that the tender is available in time for bid opening.
3. BHEL standard Commercial Terms and Conditions (duly filled, signed & stamped) must accompany Technical-Commercial offer without fail and should be submitted in original only. Xerox copy will not be accepted.
4. Any of the terms and conditions not acceptable to supplier, shall be explicitly mentioned in the Techno-Commercial Bid. If no deviations are brought out in the offer it will be treated as if all terms and conditions of this enquiry are accepted by the supplier without deviation.
5. Deviation to this specification / item description, if any, shall be brought out clearly indicating "DEVIATION TO BHEL SPECIFICATION" without fail, as a part of Techno-Commercial Bid. If no deviations are brought out in the offer it will be treated as if the entire specification of this enquiry is accepted without deviation.
6. Suppliers shall submit one set of original catalogue, datasheets, bill of materials, dimensional drawings, mounting details and / or any other relevant documents called in purchase specification as part of Technical Bid.
7. "Price Bid" shall be complete in all respects containing price break-up of all components along with all

applicable taxes and duties, packing & forwarding charges (if applicable), freight charges (if applicable) etc. Once submitted no modification / addition / deletion will be allowed in the "Price Bid." Bidders are advised to thoroughly check the unit price, total price to avoid any discrepancy.

8. In addition, bidder shall also quote for erection & commissioning charges (E&C charges), documentation charges, service charges, testing Charges (type & routine), training charges, service tax, etc. wherever applicable. The price summary must indicate all the elements clearly.
9. Vendors should indicate "lump sum" charges (including To & Fro Fare, Boarding, Lodging, Local Conveyance etc.) for Supervision of Erection, Commissioning and handing over to customer. The quotation shall clearly indicate scope of work, likely duration of commissioning, pre-commissioning checklist and service tax (if any).
10. Wherever bidders require PAC (Project Authority Certificate) for import of raw materials, components required for Mega Power Projects, Export Projects or other similar projects wherein supplies are eligible for customs duty benefits, lists and quantities of such items and their values (CIF) has to be mentioned in the offer. Prices must be quoted taking into account of such benefits.
11. All quotations shall be free from corrections /overwriting. Corrections if any should be authenticated with signature and seal. Any typographical error, totaling mistakes, currency mistake, multiplication mistake, summing mistakes etc. observed in the price bids will be evaluated as per **Annexure II** "Guidelines for dealing with Discrepancy in Words & Figures – quoted in price bid". BHEL decision will be final.

C. <u>GUIDELINES FOR OFFER SUBMISSION:</u>

1. Offers / Quotations must be dropped in tender box before 13.00 Hrs. on or before due date mentioned in RFQ. The offers are to be dropped in the proper slot of the Tender Box kept in our reception area with caption "CE, SC&PV, DEFENCE." Tenders are opened on 3 days in a week (Monday/Wednesday/Friday). Tender must be deposited in the slot corresponding to the day (Monday - Box no.4/Wednesday - Box no. 6 /Friday - Box no.8) while depositing the offer. **(This clause will not be applicable for e-tenders)**
2. E-Mail / Internet / EDI offers received in time shall be considered only when such offers are complete in all respects. In case of offers received through E-mail, please send the offer to the email ID specified in the SCC of the tender. (Refer to SCC document of tender)
3. In cases where tender documents are bulky, or due to some reasons tender documents are required to be submitted by hand or through posts/couriers, the offers are to be handed over either of the two officers whose names are mentioned in the RFQ. (Refer to SCC document of tender)
4. Tenders will be opened on due date, time and venue as indicated in the RFQ in the presence of bidders at the venue indicated in the RFQ. In case of e-procurement, bidders can see tender results till seven days after due date and time.
5. Vendor will be solely responsible:
   a. For submission of offers before due date and time. Offers submitted after due date and time will be treated as "Late offers" and will be rejected.
   b. For submission of offers in the correct compartment of the tender box based on the day of due date (Monday/Wednesday/Friday). Please check before dropping your offer in the correct tender box.
   c. For depositing offers in proper sealed condition in the tender box. If the bidder drops the tender in the wrong tender box or if the tender document is handed over to the wrong person BHEL will not be responsible for any such delays.
   d. For offers received through email etc., suppliers are fully responsible for lack of secrecy on information and ensuring timely receipt of such offers in the tender box before due date & time.
   e. In case of e-tender, all required documents should be uploaded before due date and time. Availability of power, internet connections, etc. will be the sole responsibility of the vendor. Wherever assistance is

needed for submission of e-tenders, help line numbers and executives of service provider of BHEL may be contacted.
Service provider: M-junction
Website address: https://bheleps.buyjunction.in/
Helpline no.: 033-66106426/6217/6013/6046/6176 (9:30 am to 5:30 pm)
9163348283/9163348284/9163348285/9163348286/8584008116 (5:30 pm to 8:30 pm)

Purchase Executive / BHEL will not be responsible for any of the activities relating to submission of offer.

D. PROCESSING OFFERS RECEIVED:

1. Any discount / revised offer submitted by the supplier on its own shall be accepted provided it is received on or before the due date and time of offer submission (i.e. Part-I bid). The discount shall be applied on pro-rata basis to all items unless specified otherwise by the bidder.
2. Changes in offers or Revised offers given after Part-I bid opening shall not be considered as a part of the original offer unless such changes / revisions are requested by BHEL.
3. In case there is no change in the technical scope and / or specifications and / or commercial terms & conditions, the supplier will not be allowed to change any of their bids after Technical bids are opened (after the due date and time of tender opening).
4. In case of changes in scope and/ or technical specifications and/ or commercial terms & conditions by BHEL and it accounts for price implications from vendors, all techno-commercially acceptable bidders shall be asked by BHEL (after freezing the scope, technical specifications and commercial terms & conditions) to submit the impact of such changes on their price bid. Impact price will be applicable only for changes in technical specification / commercial conditions by BHEL. The impact price must be submitted on or before the cut-off date specified by BHEL and the original price bid and the price impact bid will be opened together at the time of price bid opening.
5. BHEL EDN reserves the right to adopt Reverse Auction or standard Price Bid Opening procedure for price evaluation, at its discretion. This will be decided after completion of technical evaluation of tender. **(Refer Annexure III for Guidelines for Reverse Auction)**.
6. Un-opened bids (including price bids) will be returned to the respective bidders after release of PO and receipt of order acknowledgement from the successful bidder.
7. After receipt of Purchase Order, supplier should submit required documents like drawings, bill of materials, datasheets, catalogues, quality plan, test procedure, type test report , O & M Manuals and / or any other relevant documents as per Specification / Purchase Order, as and when required by BHEL / Customer.
8. Any deviation to the terms and conditions not mentioned in the quotation by supplier in response to this enquiry will not be considered, if put forth subsequently or after issue of Purchase Order, unless clarification is sought for by BHEL EDN and agreed upon in the Purchase Order.
9. Evaluation shall be on the basis of delivered cost (i.e. “Total Cost to BHEL").
   “Total Cost to BHEL” shall include total basic cost, packing & forwarding charges, taxes and duties, freight charges, insurance, service tax for services, any other cost indicated by vendor for execution of the contract and loading factors (for non-compliance to BHEL Standard Commercial Terms & Conditions). Benefits arising out of Nil Import Duty on Mega Projects, Physical Imports or such 100% exemptions (statutory benefits), customer reimbursements of statutory duties (like Excise Duty, CST, VAT) will also be taken into account at the time of tender evaluation. (wherever applicable and as indicated in SCC document of tender)

10. For evaluation of offers in foreign currency, the exchange rate (TT selling rate of SBI) shall be taken as under:

    Single part bids: Date of tender opening
    Two/three part bids: Date of Part-I bid opening
    Reverse Auction: Date of Part-I bid opening

    In case of Performance Bank Guarantee (PBG) also, exchange rate will be considered as mentioned above for converting foreign currency to Indian currency and vice versa.

    If the relevant day happens to be a bank holiday, then the exchange rate as on the previous working day of the bank (SBI) shall be taken.

11. Ranking (L-1, L-2 etc.) shall be done only for the techno-commercially acceptable offers.

E. INFORMATION ON PAYMENT TERMS:

1. All payments will be through Electronic Fund transfer (EFT). Vendor has to furnish necessary details as per BHEL standard format **(Refer Annexure IV)** for receiving all payments through NEFT. (Applicable for Indian vendors only)
2. In case of High Sea Sales transaction, customs clearance of the consignment landed on Indian Sea / Air ports will be done by BHEL based on the original HSS documents provided by vendors. All warehousing charges due to delay in submission of complete and or correct HSS documents to BHEL will be to suppliers account only. Such recovery will be made out of any of the available bills. **(Refer Annexure V)**.
3. Statutory deductions, if any, will be made and the deduction certificate shall be issued. In case vendor does not provide PAN details, the TDS deduction shall be at the maximum percentage stipulated as per the provisions of Income Tax Act. (Applicable for Indian vendors only).
   Foreign vendors shall submit relevant details of their bankers like Swift Code, Banker's Name & Address etc.
4. Vendors must submit bills & invoices along with required supporting documents in time. Incomplete documentation / delayed submission of invoice / documents will result in corresponding delay in payment.

F. STANDARD PAYMENT TERMS OF BHEL-EDN

Purchase Orders for indigenous procurement

Refer Annexure-XII for Highsea sales payment

(a) SUPPLY WITH E&C:

1) 85% of basic value (excluding E&C charges) + 100% of taxes, duties and freight charges will be paid in 45 days from the date of dispatch or 15 days from the date of submission of complete set of documentation whichever is later.
2) 15% of basic value (retention money), (excluding E&C charges) will be paid in 15 days from the date of submission of documents against supplementary invoice with proof of completion of E&C along with E & C charges (if any)

(b) SUPPLY WITH SUPERVISION OF E&C:

1) 90% basic value (excluding E&C charges) + 100% of taxes, duties and freight charges will be paid in 45 days from the date of dispatch or 15 days from the date of submission of complete set of documentation whichever is later.
2) 10% of basic value (retention money), (excluding E&C charges) will be paid in 15 days from the date of completion of erection and commissioning against supplementary invoice with proof of completion of E&C along with supervision charges (if any)

(c) SUPPLY ONLY:

1) 100% of PO value with taxes, duties and freight will be paid in 45 days from the date of dispatch or 15 days from the date of submission of complete set of documentation whichever is later.

Purchase orders for import procurement:

(d) SUPPLY WITH E&C:

1) 85% of the basic value (excluding E&C charges) will be paid in 45 days, against usance draft of 45 days, from the date of AWB/BOL on submission of complete set of documents.
2) 15% of basic value (retention money), (excluding E&C charges) will be paid in 15 days from the date of completion of E&C along with E & C charges against supplementary invoice with proof of completion of E&C (if any).

(e) SUPPLY WITH SUPERVISION OF E&C:

1) 90% of the value of the order will be paid on the 45th day, against usance draft of 45 days, from the date of AWB/BOL on submission of complete set of documents.
2) 10% of basic value (retention money) will be paid in 15 days from the date of completion of erection and commissioning against supplementary invoice with proof of completion of E&C along with supervision charges (if any).

(f) SUPPLY ONLY:

1) 100% of PO value will be paid against usance draft of 45 days from the date of dispatch or 15 days from the date of submission of complete set of documents whichever is later.

LOADING FACTORS FOR PAYMENT TERMS:

1) For offers received with requests for negotiation of documents through bank loading will be 15% of basic value (all bank charges to be borne by the seller).
(This loading factor is applicable only for purchase orders for indigenous supply).

2) In all cases where credit period is 30 days but not in line with the above mentioned standard payment terms offered loading applicable will be 5% of basic value.
(This loading factor is applicable only for purchase orders for indigenous supply).

3) For offers received with Letter of Credit payment term in place of sight draft payment term, loading applicable will be 5% of basic value. Additional loading of 5% will be applicable for payment terms as Letter of Credit with usance of less than 45 days.
(This loading factor is applicable only for purchase orders for imported supply).

4) For offers received with Sight Draft payment terms with usance of less than 45 days, loading of 5% will be applicable.
(This loading factor is applicable only for purchase orders for imported supply).

5) All payment terms with credit period of less than 30 days for indigenous supply and any other variation of payment terms are liable for rejection.

6) Standard payment terms indicated in para F (a), (b), (c), (d), (e) and (f) will not attract any loading.

Note 1: Basic value of Purchase Order mentioned above will include all components of the purchase order and will exclude only taxes, duties, freight and E&C charges (wherever applicable).

Wherever the Purchase Order is split into import portion and indigenous portion of supply the retention money will be 15% or 10% (as applicable) of both purchase order values put together.

Note 2: ***If the E&C could not be completed till the end of the Warranty period due to reasons not attributable to the supplier, BHEL may consider releasing the retention money to the supplier against Bank Guarantee for equivalent value valid for an initial period of one year.***

G. <u>Bank guarantee (BG) / Performance bank guarantee (PBG):</u>

1. Bank guarantee (BG) / Performance bank guarantee (PBG) will be applicable as called in the tender documents refer SCC. Such PBG shall be valid for a period as called in SCC for a value equal to 10 % of the basic value of the purchase order. No deviation for the duration of PBG / BG will be permitted.
    a. PBG shall be from any of the BHEL consortium of bankers **(refer Annexure VI)**.
    b. PBGs from nationalized banks are also acceptable.
    c. PBG should be sent directly by the bank to the dealing executive mentioned in the purchase order located at the address mentioned in the purchase order. PBG should be in the format indicated. **(Refer annexures VII & VIII respectively)**. No deviation to these formats will be allowed.
    d. Confirmation from any of the BHEL consortium of banks or any of the Indian Public Sector Banks is essential for the acceptance of PBGs issued by foreign banks (located outside India).
    e. Expired BGs / PBGs will be returned only after expiry of the claim period or on completion of the contractual obligation.
    f. Non acceptance for submission of PBG will attract loading as indicated below
        i. Loading will be equal to the percentage of value for which BG / PBG is not provided. (Ex: if PBG / BG is given for 3 % of the basic value against 10% specified, loading applicable will be 7% (10 – 3 = 7 %). This value will be added to the quoted price while evaluating the lowest offer.

H. <u>PROVISONS APPLICABLE FOR MSE VENDORS (MICRO AND SMALL ENTERPRISES)</u>

Vendors who qualify as MSE vendors are requested to submit applicable certificates (as specified by the Ministry of Micro, Small and Medium Enterprises) at the time of vendor registration. Vendors have to submit any of the following documents along with the tender documents in the Part I / Technical bid cover to avail the applicable benefits.

a. Valid NSIC certificate or
b. Entrepreneur's Memorandum part II (EM II) certificate (deemed valid for 2 years).
c. EM II certificate with CA certificate **(in the prescribed format given in Annexure IX)** applicable for the year certifying that the investment in plant and machinery of the vendor is within permissible limits as per the MSME Act 2006 for relevant status where the deemed validity is over.
d. Documents submitted for establishing the credentials of MSE vendors must be valid as on the date of part I / technical bid opening for the vendors to be eligible for the benefits applicable for MSE vendors. Documents submitted after the Part I / Technical bid opening date will not be considered for this tender.

<u>PURCHASE PREFERENCE FOR MSE VENDORS:</u>

e. MSE vendors quoting within a price band of L1 + 15% shall be allowed to supply up to 20% of the requirement against this tender provided
    1. The MSE vendor matches the L1 price
    2. L1 price is from a non MSE vendor
    3. L1 price will be offered to the nearest vendor nearest to L1 in terms of price ranking (L2 - nearest to L1). In case of non-acceptance by the MSE vendor (L2) next ranking MSE vendor will be offered who is within the L1 + 15% band (if L3 is also within 15% band).
    4. 20% of the 20% (i.e. 4% of the total enquired quantity) will be earmarked for SC/ST owned MSE firms provided conditions as mentioned in (1) and (2) are fulfilled.

5. In case no vendor under SC / ST category firms are meeting the conditions mentioned in (1) and (2) or have not participated in the tender, in such cases the 4% quantity will be distributed among the other eligible MSE vendors who have participated in the tender.
6. Serial no. 1 to 5 will not be applicable wherever it is not possible to split the tendered quantity / items on account of customer contract requirement, or the items tendered are systems. Such information that tendered quantity will not be split will be indicated in the SCC.

I. INTEGRITY COMMITMENT IN THE TENDER PROCESS, AND EXECUTION OF CONTRACTS:

1. Commitment by BHEL:

   BHEL commits to take all measures necessary to prevent corruption in connection with the Tender process and execution of the Contract. BHEL will, during the tender process, treat all bidder / suppliers in a transparent and fair manner, and with equity.

2. Commitment by Bidder(s)/ Contractor(s):

   a. The Bidder(s)/ Contractor(s) commit(s) to take all measures to prevent corruption and will not directly or indirectly try to influence any decision or benefit which he is not legally entitled to.
   b. The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding or any actions to restrict competition.
   c. The Bidder(s)/ Contractor(s) will not commit any offence under the relevant Acts. 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 BHEL as part of business relationship.
   d. 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 and shall adhere to the relevant guidelines issued from time to time by Government of India/ BHEL.

   If the Bidder(s) / Contractor(s), before award or during execution of the Contract commit(s) a transgression of the above or in any other manner such as to put his reliability or credibility in question, BHEL is entitled to disqualify the Bidder(s) / Contractor (s) from the tender process or terminate the contract and/ or take suitable action as deemed fit.

PURCHASE EXECUTIVE

ANNEXURE - I

LIST OF INTERNATIONAL GATEWAY AIRPORTS

For airbased consignment, terms of delivery will be on FCA basis from following listed airports only. This list is valid from 01.03.2013 to 28.02.2015.Vendors are requested to verify this list for use after 28.02.2015.

SCHEDULE NO	COUNTRY	CURRENCY CODE	AIRPORT
D01	UK	GBP	LONDON (HEATHROW)
D02	UK	GBP	NEW CASTLE
D03	UK	GBP	OXFORD. CHETLAM
D04	UK	GBP	BRISTOL. WELLINGBOROUGH
D05	UK	GBP	BIRMINGHAM
DO6	UK	GBP	EAST MIDLANDS
D07	UK	GBP	MANCHESTER
D08	UK	GBP	LEEDS
D09	UK	GBP	GLASGOW
D10	FRANCE	EURO	PARIS (ROISSY) & LYON
D11	SWEDEN	EURO	STOCKHOLM
D12	SWEDEN	EURO	GOTHENBERG & MALMO
D13	ITALY	EURO	ROMA, MILAN
D14	ITALY	EURO	TURIN, BOLOGNA, FLORENCE
D15	NETHERLANDS	EURO	AMSTERDAM, ROTTERDAM
D16	AUSTRIA	EURO	VIENNA, LINZ, GRAZ
D17	BELGIUM	EURO	ANTWERP, BRUSSELS
D18	DENMARK	DKK	COPENHAGEN
D19	JAPAN	JPY	TOKYO, OSAKA
D20	SINGAPORE	SGD	SINGAPORE
D21	CANADA	CAD	TORONTO
D22	CANADA	CAD	MONTREAL
D23	USA	USD	NEW YORK, BOSTON
D24	USA	USD	CHICAGO
D25	USA	USD	SAN FRANCISCO, LOS ANGELES
D26	USA	USD	ALANTA, HOUSTON
D27	GERMANY	EURO	MUNICH, KOLN, DUSSELDORF, HANNOVER, HAMBURG, STUTTGART, DAMSTADT, MANIHIEM, NURUMBERG
D28	GERMANY	EURO	FRANKFURT
D29	GERMANY	EURO	BERLIN
D30	SWITZERLAND	SFR	BASLE, ZURICH, GENEVA
D31	SPAIN	EURO	BARCELONA
D32	AUSTRALIA	AUD	SYDNEY
D33	AUSTRALIA	AUD	MELBOURNE
D34	AUSTRALIA	AUD	PERTH
D35	CZECH	EURO	PRAGUE
D36	HONG KONG	HKD	HONG KONG
D37	NEW ZELAND	NZD	AUCKLAND
D38	RUSSIA	USD	MOSCOW
D39	SOUTH KOREA	USD	KIMPO INTERNATIONAL, INCHEON
D40	FINLAND	EURO	HELSINKI
D41	ROMANIA	EURO	BUCHAREST
D42	NORWAY	EURO	OSLO
D43	IRELAND	EURO	DUBLIN
D44	ISRAEL	USD	TEL AVIV
D45	UAE	USD	DUBAI
D46	OMAN	USD	MUSCAT
D47	EGYPT	USD	CAIRO
D48	TAIWAN	USD	TAIPEI
D49	UKRAINE	USD	KIEV
D50	CHINA	USD	SHANGHAI, SHENZHEN
D51	PHILIPINES	USD	MANILA
D52	MALAYSIA	USD	KUALALUMPUR, PE NANG
D53	CYPRUS	USD	LARNACA
D54	SOUTH AFRICA	USD	JOHANNESBERG, DURBAN
D55	SLOVAKIA	EURO	BARTISLOVA
D56	SAUDI ARABIA	SAR	RIYADH
D57	TURKEY	EURO	ISTANBUL
D58	THAILAND	USD	BANGKOK
D59	BRAZIL	USD	SAO PAULO, RIO DE JANEIRO

ANNEXURE – II

DISCREPANCY IN WORDS & FIGURES – QUOTED IN PRICE BID

Following guidelines will be followed in case of discrepancy in words & figures-quoted in price bid:

(a) If, in the price structure quoted for the required goods/services/works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

(d) If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.

ANNEXURE-III
GUIDELINES FOR REVERSE AUCTION PROCEDURE

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).

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. 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.
3. 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.
4. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
5. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
6. 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.
7. 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.
8. Reverse auction will be conducted on scheduled date & time.
9. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.
10. 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.
11. 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.
12. 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.
13. 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.
14. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
15. In case BHEL decides to go for reverse auction, the H1 bidder (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.

16. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer. ***The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates.***

If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com)."

As a reminder to the bidders, system will flash following message (in RED Color) during the course of 'online sealed bid':

"Bidders to submit online sealed bid less than or equal to their envelope sealed bid already submitted to BHEL"

ANNEXURE - IV

Electronic Funds Transfer (EFT) OR

Paylink Direct Credit Form

Please Fill up the form in **CAPITAL LETTERS** only.

TYPE OF REQUEST(Tick one): _____ CREATE _____ CHANGE

BHEL Vendor / Supplier Code:

Company Name :

Permanent Account Number(PAN):

Address

City: PINCODE STATE

Contact Person(s)

Telephone No:

Fax No:

e-mail id:

1 Bank Name:

2 Bank Address:

3 Bank Telephone No:

4 Bank Account No:

5 Account Type: Savings/Cash Credit

6 9 Digit Code Number of Bank and branch appearing on MICR cheque issued by Bank

7 Bank IFSC Code(applicable for NEFT)

8 Bank IFSC code(applicable for RTGS) (Indian Financial System Code)

A I hereby certify that the particulars given above are true, correct and complete and that I, as a representative for the above named Company, hereby authorise BHEL, EDN, Bangalore to electronically deposit payments to the designated bank account.

B If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold BHEL / transfering Bank responsible.

C This authority remains in full force until BHEL, EDN,Bangalore receives written notification requesting a change or cancellation.

D I have read the contents of the covering letter and agree to discharge the responsibility expected of me as a participant under ECS / EFT.

Date:

Authorised Signatory:

Designation: Telephone No. with STD Code

Company Seal

Bank Certificate

We certify that_____has an Account No_____ with us and we confirm that the bank details given above are correct as per our records.

Date: (……...)

Place: Signature

Please return completed form **along with a blank cancelled cheque or photocopy** thereof to:

Bharath Heavy Electricals Ltd,

Attn:

Electronics Division, Mysore Road,

BANGALORE - 560 026

In case of any Querry, please call concerned purchase executive.

ANNEXURE - V
PRESENT PROCEDURE FOR SALE IN TRANSIT (HIGH SEA SALES)

In case of High Sea Sales, vendor should submit following documents:

1. **ORIGINAL HIGH SEA SALES AGREEMENT**
   - Sale agreement (on Rs. 200/- non-judicial stamp paper & notarised with 2 witnesses with identity) has to be signed between BHEL and the Party importing material. The date of the sale documents should be in between the date of House Air Way Bill / Bill of Lading and before landing of the goods in Indian origin.
   - The date of the stamp paper should be prior to the Air Way Bill / Bill of Lading date.
   - Following shall be included in the High Sea Sales Agreement:
     "THE BUYER ALSO UNDERTAKE DISCHARGES, THE OBLIGATION AND FULFILLMENT OF CONDITIONS, IF ANY, ATTACHED TO THE IMPORTATION, ASSESSMENT AND CLEARANCE OF THE GOODS IN TERMS CUSTOMS TARIFF ACT 1975, THE CUSTOMS ACT 1962 & RULES & REGULATIONS MADE THERE UNDER AND OTHER RELEVANT ACTS, ORDERS, NOTIFICATIONS**".**

2. **ORIGINAL INVOICES: INDIGENOUS RUPEE INVOICE & FOREIGN CURRENCY INVOICE**
   - Prices should be C.I.F., designated airport/seaport basis.
   - I.E.C., C.S.T., K.S.T. Nos. to be mentioned.
   - Description of item (Nomenclature), Unit & Quantity in both the Foreign Currency & the Indigenous Invoice in Rupee shall be exactly as per Purchase Order Description of item, Quantity and Unit. The Indigenous Invoice value shall be exactly as per Purchase Order value.
   - Seller should give Foreign Currency Invoice from the original consignor. The Foreign Currency Invoice value should be at least 2% (two per cent) less than the Indigenous Rupee Invoice value in equivalent foreign currency.

4. **ORIGINAL HOUSE AIR WAY BILL/ BILL OF LADING**
   - The sale agents should duly endorse House Air Way Bill (HAWB) for air shipments or original Bill of Lading (O.B.L.) for sea shipments and Foreign Currency Invoice in favour of BHEL-EDN.

5. **ORIGINAL CARGO ARRIVAL NOTICE FROM FORWARDER**.

6. **ORIGINAL DELIVERY ORDER ISSUED IN NAME OF BHEL-EDN.**

7. **ORIGINAL PACKING LIST.**

8. **A LETTER TO THE COMMISSIONER OF CUSTOMS FOR EFFECTING ABOVE SALE.**

9. **A LETTER TO THE DEPUTY ASSESSOR (OCTROI) FOR EFFECTING ABOVE SALE IN FAVOUR OF BHEL**.

REMARKS: In case vendor needs any clarifications on the above, the same may be sought in writing.

Annexure-VI

BHEL MEMBER BANKS (LIST OF CONSORTIUM BANKS)

BANK GUARANTEE (BG) SHALL BE ISSUED FROM THE FOLLOWING BANKS ONLY:

	Nationalised Banks		**Nationalised Banks**
1	Allahabad Bank	19	Vijaya Bank
2	Andhra Bank		**Public Sector Banks**
3	Bank of Baroda	20	IDBI
4	Canara Bank		**Foreign Banks**
5	Corporation Bank	21	CITI Bank N.A
6	Central Bank	22	Deutsche Bank AG
7	Indian Bank	23	The Hongkong and Shanghai Banking Corporation Ltd. (HSBC)
8	Indian Overseas Bank	24	Standard Chartered Bank
9	Oriental Bank of Commerce	~~25~~	~~The Royal Bank of Scotland N.V.~~
10	Punjab National Bank	26	J P Morgan
11	Punjab & Sindh Bank		**Private Banks**
12	State Bank of India	27	Axis Bank
13	State Bank of Hyderabad	28	The Federal Bank Limited
14	Syndicate Bank	29	HDFC Bank
15	State Bank of Travancore	30	Kotak Mahindra Bank Ltd
16	UCO Bank	31	ICICI Bank
17	Union Bank of India	32	IndusInd Bank
18	United Bank of India	33	Yes Bank

Note:

- All BGs must be issued from BHEL consortium banks listed above.
- BHEL may accept BG from other Nationalised Banks also which are not listed above.
- BG will not be accepted from Scheduled Banks and Co-operative Banks.
- In case BG is issued from a bank located outside Indian territory and is issued in foreign currency, the BG must be routed through and confirmed by any one of the above mentioned consortium banks or any of the Indian Public Sector Banks.
- This list is subject to changes. Hence vendors are requested to check this list every time before issuing BGs.

ANNEXURE-VII

BANK GUARANTEE FOR PERFORMANCE SECURITY

Bank Guarantee No:

Date:

To

NAME

& ADDRESSES OF THE BENEFICIARY

Dear Sirs,

In consideration of the Bharat Heavy Electricals Limited [1] (hereinafter referred to as the 'Employer' which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns) incorporated under the Companies Act, 1956 and having its registered office at _____ through its Unit at……..(name of the Unit) having awarded to (Name of the Vendor / Contractor / Supplier) having its registered office at_____[2] hereinafter referred to as the 'Contractor/Supplier', which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns), a contract Ref No……dated ……[3] valued at Rs……[4] (Rupees ----------)/FC……(in words……..) for ……[5] (hereinafter called the 'Contract') and the Contractor having agreed to provide a Contract Performance Guarantee, equivalent to ……% (…. Percent) of the said value of the Contract to the Employer for the faithful performance of the Contract,

we, ……, (hereinafter referred to as the Bank), having registered/Head office at ……. and inter alia a branch at …… being the Guarantor under this Guarantee, hereby, irrevocably and unconditionally undertake to forthwith and immediately pay to the Employer a maximum amount Rs ---------- (Rupees ----------) without any demur, immediately on a demand from the Employer, .
Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ _____.

We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the Contractor/ Supplier in any suit or proceeding pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal.

The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment thereunder and the contractors/supplier shall have no claim against us for making such payment.

We the ……bank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract and that it shall continue to be enforceable till all the dues of the Employer under or by virtue of the said Contract have been fully paid and its claims satisfied or discharged.

We …….. BANK further agree with the Employer that the Employer shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Contract or to extend time of performance by the said Contractor/Supplier from time to time or to postpone for any time or from time to time any of the powers exercisable by the Employer against the said Contractor/Supplier and to forbear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor/Supplier or for any forbearance, act or omission on the part of the Employer or any indulgence by the Employer to the said Contractor/Supplier or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

The Bank also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee that the Employer may have in relation to the Contractor's liabilities.

This Guarantee shall remain in force upto and including…….. [6] and shall be extended from time to time for such period as may be desired by Employer.
This Guarantee shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Contractor/Supplier but shall in all respects and for all purposes be binding and operative until payment of all money payable to the Employer in terms thereof.

Unless a demand or claim under this guarantee is made on us in writing on or before the …….[7]we shall be discharged from all liabilities under this guarantee thereafter.

We, …… BANK lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Employer in writing.
Notwithstanding anything to the contrary contained hereinabove:

a) The liability of the Bank under this Guarantee shall not exceed…… [8]
b) This Guarantee shall be valid up to ……[9]

c) Unless the Bank is served a written claim or demand on or before _____[10] all rights under this guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities under this guarantee irrespective of whether or not the original bank guarantee is returned to the Bank.

We, _____ Bank, have power to issue this Guarantee under law and the undersigned as a duly authorized person has full powers to sign this Guarantee on behalf of the Bank.

For and on behalf of
(Name of the Bank)

Dated…….
Place of Issue…….

[1] *NAME AND ADDRESS OF EMPLOYER I.e Bharat Heavy Electricals Limited*

[2] *NAME AND ADDRESS OF THE VENDOR /CONTRACTOR / SUPPLIER.*

[3] *DETAILS ABOUT THE NOTICE OF AWARD/CONTRACT REFERENCE*

[4] *PROJECT/SUPPLY DETAILS*

[5] *BG AMOUNT IN FIGURES AND WORDS*

[6] *VALIDITY DATE*

[7] *DATE OF EXPIRY OF CLAIM PERIOD*

[8] *BG AMOUNT IN FIGURES AND WORDS.*

[9] *VALIDITY DATE*

[10] *DATE OF EXPIRY OF CLAIM PERIOD*

ANNEXURE-VIII

Note for performance bank guarantee:

1. To be executed in Rs. 100/- Non-Judicial stamp paper.
2. To be submitted by issuing bank to Purchase Dept. directly. Please give BHEL address to banker.
3. Do not enclose with Bank document.
4. Modifications and additions/deletions to this BG format shall not be permitted.
5. **In Case of Bank Guarantees submitted by Foreign Vendors-**

   a. **From Nationalized/Public Sector / Private Sector/ Foreign Banks (BG issued by Branches in India)** can be accepted subject to the condition that the Bank Guarantee should be enforceable in the town/city or at nearest branch where the Unit is located i.e. Demand can be presented at the Branch located in the town/city or at nearest branch where the Unit is located.

   b. **From Foreign Banks (wherein Foreign Vendors intend to provide BG from local branch of the Vendor country's Bank)**

   b.1 In such cases, in the Tender Enquiry/ Contract itself, it may be clearly specified that Bank Guarantee issued by **any of the Consortium Banks only** will be accepted by BHEL. As such, Foreign Vendor needs to make necessary arrangements for issuance of Counter- Guarantee by Foreign Bank in favour of the Indian Bank (BHEL's Consortium Bank). It is advisable that all charges for issuance of Bank Guarantee/ counter- Guarantee should be borne by the Foreign Vendor. The tender stipulation should clearly specify these requirements.

   b.2 **In case, Foreign Vendors intend to provide BG from** Overseas Branch of our Consortium Bank (e.g. if a BG is to be issued by SBI Frankfurt), the same is acceptable. However, the procedure at **sl.no. b.1** will required to be followed.

   b.3 The BG issued may preferably be subject to Uniform Rules for Demand Guarantees (URDG) 758 (as amended from time to time). In case, of Foreign Vendors, the BG Format provided to them should clearly specify the same.

   b.4 The BG should clearly specify that the demand or other document can be presented in electronic form.

Annexure - IX
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 on date**…….. 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 Industries vide its notification No.S.O.1722 (E) dated October 5, 2006:

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.

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

Date:

(Signature)

Name -
Membership Number -
Seal of Chartered Accountant

Guidelines for Indian Agents

ANNEXURE - X

- Definition of Indian Agent: An Indian Agent of foreign prinicipal is an individual, a partnership, an association of persons, a private or pubile company, that carries our specific obligation(s) towards processing of BHEL tender or finalization or execution of BHEL's contract on behalf of the foreign supplier.

In case of yes, vendor to note the following and reply accordingly:

i. BHEL shall deal directly with foreign vendors, wherever required, for procurement of goods. However, if the foreign principal desires to avail of the services of an Indian agent, then the foreign principal should ensure compliance to regulatory guidelines - which require mandatory submission of an Agency Agreement.

ii. It shall be incumbent on the Indian agent and the foreign principal to adhere to the relevant guidelines of Government of India, issued from time to time.

iii. The Agency Agreement should specify the precise relationship between the foreign OEM / foreign principal and their Indian agent and their mutual interest in the business. All services to be rendered by agent/ associate, whether of general nature or in relation to the particular contract, must be clearly stated by the foreign supplier/ Indian agent. Any payment, which the agent or associate receives in India or abroad from the OEM, whether as commission or as a general retainer fee should be brought on record in the Agreement and be made explicit in order to ensure compliance to laws of the country.

iv. Any agency commission to be paid by BHEL to the Indian agent shall be in Indian currency only.

v. Tax deduction at source is applicable to the agency commission paid to the Indian agent as per the prevailing rules.

vi. In the absence of any agency agreement, BHEL shall not deal with any Indian agent (authorized representatives / associate / consultant, or by whatever name called) and shall deal directly with the foreign principal only for all correspondence and business purposes.

vii. The "Guidelines for Indian Agents of Foreign Suppliers" enclosed at annexure –'A' shall apply in all such cases.

viii. The supply and execution of the Purchase Order (including indigenous supplies/ service) shall be in the scope of the OEM/ foreign principal. The OEM/ foreign principal should submit their offer inclusive of all indigenous supplies/ services and evaluation will be based on 'total cost to BHEL'. In case OEM/ foreign principal recommends placement of order(s) towards indigenous portion of supplies/ services on Indian supplier(s)/ agent on their behalf, the credentials/ capacity/ capability of the Indian supplier(s)/ agent to make the supplies/ services shall be checked by BHEL as per the extant guidelines of Supplier Evaluation, Approval & Review Procedure (SEARP), before opening of price bids. In this regard, details may be checked as per Annexure-B (copy enclosed). It will be the responsibility of the OEM/ foreign principal to get acquainted with the evaluation requirements of Indian supplier/ agent as per SEARP available on www.bhel.com.

The responsibility for successful execution of the contract (including indigenous supplies/ services) lies with the OEM/ foreign principal. All bank guarantees to this effect shall be in the scope of the OEM/ foreign principal.

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Vendor's Signature with Seal

Annexure-A

Guidelines for Indian Agents of Foreign Suppliers

1.0 There shall be compulsory registration of agents for all Global (Open) Tender and Limited Tender. An agent who is not registered with BHEL shall apply for registration in the registration form in line with SEARP.

1.1 Registered agents will file an authenticated Photostat copy duly attested by a Notary Public/Original certificate of the Principal confirming the agency agreement and giving the status being enjoyed by the agent and the commission/ remuneration/ salary/ retainership being paid by the principal to the agent before the placement of order by BHEL.

1.2 Wherever the Indian representatives have communicated on behalf of their principals and the foreign parties have stated that they are not paying any commission to the Indian agents, and the Indian representative is working on the basis of salary or as retainer, a written declaration to this effect should be submitted by the party (i.e. Principal) before finalizing the order.

2.0 Disclosure of particulars of agents/ representatives in India, if any.

2.1 Tenderers of Foreign nationality shall furnish the following details in their offers:

2.1.1 The Bidder(s)/ Contractor(s) of foreign origin shall disclose the name and address of the agents/ representatives in India if any and the extent of authorization and authority given to commit the Principals. In case the agent/ representative be a foreign Company, it shall be confirmed whether it is existing Company and details of the same shall be furnished.

2.1.2 The amount of commission/ remuneration included in the quoted price(s) for such agents/ representatives in India.

2.1.3 Confirmation of the Tenderer that the commission/ remuneration, if any, payable to his agents/ representatives in India, may be paid by BHEL in Indian Rupees only.

2.2 Tenderers of Indian Nationality shall furnish the following details in their offers:

2.2.1 The Bidder(s)/ Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any, indicating their nationality as well as their status, i.e. whether manufacturer or agents of manufacturer holding the Letter of Authority of the Principal specifically authorizing the agent to make an offer in India in response to tender either directly or through the agents/ representatives.

2.2.2 The amount of commission/ remuneration included in the price (s) quoted by the Tenderer for himself.

2.2.3 Confirmation of the foreign principals of the Tenderer that the commission/ remuneration, if any, reserved for the Tenderer in the quoted price(s), may be paid by BHEL in India in equivalent Indian Rupees on satisfactory completion of the Project or supplies of Stores and Spares in case of operation items.

2.3 In either case, in the event of contract materializing, the terms of payment will provide for payment of the commission/ remuneration, if any payable to the agents/ representatives in India in Indian Rupees on expiry of 90 days after the discharge of the obligations under the contract.

2.4 Failure to furnish correct and detailed information as called for in paragraph 2.0 above will render the concerned tender liable to rejection or in the event of a contract materializing, the same liable to termination by BHEL. Besides this there would be a penalty of banning business dealings with BHEL or damage or payment of a named sum.

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Disclaimer Certificate For Deemed Export Benefits

I, (Name & Designation) …..on behalf of M/s. ….. (Name and address of the supplier) hereby certify that we have supplied the following goods to M/s….. (Name and address of the recipient):

S.No.	Inv. No. & date	Description of goods	Unit	Qty.	Value

1. We are the manufacturer exporters/suppliers and are registered/not registered with Central Excise and have not availed and will not avail CENVAT facility in respect of the input/components used in aforesaid supplies. We have also not availed and will not avail rebate on the inputs/components used in aforesaid supplies.

OR

We are the suppliers and our supporting manufacturer(s) is/are registered/not registered with Central Excise and have not availed and will not avail CENVAT facility in respect of the inputs/components used in aforesaid supplies.

2. We also certify that we have not been issued any Advance Authorization/Duty Free Import Authorization in respect of the aforesaid supplied goods and have not availed any benefit thereon.

3. We further state that we have not drawn nor will draw any benefit for deemed export and we have no objection if M/s…… (Name and address of the recipient) draws the deemed export benefits on the supplies mentioned above. (Required to be given in case benefits are claimed by recipient of goods).

OR

We have not given disclaimer certificate to M/s…… (Name and address of the recipient) and will not give disclaimer certificate, in future, in respect of these supplies for claiming deemed export benefits (Required to be given in case benefits are claimed by DTA suppliers).

Annexure-XII
High sea sales payment term:

"Purchase Orders for HSS procurement

(a) SUPPLY WITH E&C:

85% basic value will be paid in 45 days from the date of signing of High Sea Sale agreement or 15 days from the date of submission of complete set of documentation whichever is later. 15% of basic value (retention money), will be paid in 15 days from the date of completion of erection and commissioning against supplementary invoice with proof of completion of E&C

(b) SUPPLY WITH SUPERVISION OF E&C:

90% basic value will be paid in 45 days from the date of signing of High Sea Sale agreement or 15 days from the date of submission of complete set of documentation whichever is later. 10% of basic value (retention money), will be paid in 15 days from the date of completion of Supervision of erection and commissioning against supplementary invoice with proof of completion of E&C

(c) SUPPLY ONLY:

100% basic value will be paid in 45 days from the date of signing of High Sea Sale agreement or 15 days from the date of submission of complete set of documentation whichever is later.

LOADING FACTORS FOR PAYMENT TERM:

In all cases where credit period is 30 days with the above offered standard payment terms, loading applicable will be 5% of basic value.

All payment terms with credit period of less than 30 days and any other variation of payment terms are liable for rejection."

GUIDELINES FOR QUOTING IN E-PROCUREMENT SYSTEM

1. **Wherever item required is one set, vendor has to mandatorily give break-up of items as per Bill of material/Scope of Supply given in specification in Techno-commercial bid as attachment and Break-up price for each item in price bid as attachment. Vendor has to mandatorily give breakup price of each item for each project as per BOM/Scope of Supply given in specification as attachment in price bid. In case of difference in total as per Break-up price given and EPS portal price bid, price quoted in EPS portal price bid only will be final and considered for evaluation.**
2. **One line item for quoting Freight charge is given in EPS. Vendor has to quote total sum of freight charges for all projects in the EPS portal price bid and attach the breakup of freight charge for each project in the format as per Annexure A as attachment in price bid in EPS portal.**
3. Vendor is requested to fill up the "Global Discount" column of the e-tender price bid if any discount to be offered for consideration of price evaluation. Discount mentioned anywhere else will deemed to be invalid.
4. Price quoted by vendors in the EPS portal price bid will be final and other price quoted anywhere else in the attachment will deemed to be invalid.
5. Final comparative statement will subject to evaluation considering the other price impacts like loading factor and project benefits (refer attached special commercial conditions for project benefit).
6. Any technical or commercial clarification for this tender can be raised on or before **07.01.2017**. No clarification will be entertained by BHEL after given cutoff date.
7. Applicable special commercial condition for the tender is attached along with tender documents. Submit duly filled and signed SCC along with your offer**. Commercial terms quoted in SCC only will be considered for evaluation.**
8. Any deviation in commercial terms, if sought by any vendor, should be clearly brought out in SCC. Any commercial term deviation mentioned anywhere else shall be ignored and not be considered for evaluation.
9. Sufficient time has been given to vendors for quoting in EPS. However If any new vendor is not having Digital Signature Certificate (Signing + Encryption) and willing to participate in the tender, vendor need to inform BHEL at least before five days of due date for tender submission and request BHEL for extension of due date. Vendor has to submit the proof of application for getting new DSC and expected date of getting new DSC. Based on the above BHEL will take suitable action. If any vendor is requesting for due date extension for getting fresh DSC and not quoting for the tender even after due date extension, it will be viewed seriously by BHEL.
10. Evaluation methodology:
    a. Bidder's PQR bid only will be opened first for review and evaluation by BHEL. In case the bidders offer do not meet the PQR, then corresponding techno-commercial offer will not be considered for further evaluation in the tender. Technical bids of ONLY those bidders who meet PQR shall be opened for review and further consideration.
    b. Any new vendor participating for this tender, who is not registered with BHEL-EDN for this item, has to submit credentials along with techno-commercial bid.

c. If required during evaluation of PQR and Technical offers/bids, vendor should be present at BHEL Electronic Division, Bangalore, for discussions. Further in the event of order, during approval of the Vendor documents by Customer, Vendor shall accompany BHEL representative for discussions with customer / consultant.
d. Above guideline does not prohibit any vendor to submit their offer along with clause wise deviation from the specification/commercial terms in SCC. Changes, if any, in technical specification / Scope etc shall be informed to Participating bidders only.

11. All the nine NTPC projects will be considered as a single package for evaluation, ranking and ordering purpose.
12. Suratgarh Unit 7&8 and IB Valley projects will be considered as two different packages for evaluation, ranking and ordering purpose.
13. Hence tender will consist of following three packages and evaluation, ranking and ordering will be done on package wise L1 basis-
    1. Package – 1 – All nine NTPC Projects
    2. Package – 2 - RRVUNL Suratgarh Unit 7&8
    3. Package -3 - OPGCL IB Valley