

REF :	PE-LPE/268
REF. DATE	08/06/2017
DUE DATE	20/06/2017

To,  
Open Tender

Dear Madam/Sir,

Subject: **AMC FOR IT EQUIPMENT FOR 2 YEARS FOR BHEL PEM NOIDA**

Quotations are Invited through e- procurement system by 20/06/2017, 02:00 PM. Details are mentioned at cl. No. 3.2 of Instruction to bidders. Please upload your best quotation/offer on <https://bheleps.buyjunction.in> in two parts (part 1: **Techno-Commercial bid** & part 2: **Price bid**-in EXL FORMAT) before the above mentioned Due Date and time i.e. 20/06/2017 & 02:00 PM.

SCOPE:

AS PER TECHNICAL SPECIFICATION, ref no . PE888S-1701, Rev 01.

PAYMENT TERMS

Quarterly payment after the completion of quarter based on certification of IT Deptt in respect of successful completion of Work.

Taxes and duties will be payable on actual basis as per Govt Guidelines prevailing at the time of billing.

Please quote the total F.O.R. destination BHEL /PEM, NOIDA inclusive of all taxes, freight, handling packaging, charges, transit insurance etc and shall remain firm without any variation till completion of the contract.

BID SUBMISSION:

IN 2 PARTS


Part 1: Techno Commercial bid

, Part 2: Price bid (in EXL format)

EMD amount 75,000/-

Enclosure: Technical specification, Commercial Terms and conditions, PQR , Price Format & other related documents

Thanking You,

  
08/06/17  
Yours faithfully,  
For and on behalf of BHEL

Manoj Kumar  
BHEL PEM, Noida

Please reply to: [manojkr@bhelpem.co.in](mailto:manojkr@bhelpem.co.in)  
Power Project Engineering Institute  
HRD & ESI Complex, Plot No 25, Sector 16 A  
Noida

Phone:  
Fax No:

Regd. Office:  
BHEL House  
Siri Fort, NewDelhi



**SUBMISSION OF OFFER FOR AMC FOR IT HARDWARE**

Dated:- 08/06/2017

From:

M/s \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

To

**Sr. Manager(CMM)/ Dy. Manager-CMM/ Sr. Engineer (IT)**

**Bharat Heavy Electricals Limited  
Power Sector- Project Engineering Management  
PPEI Building, HRDI & ESI Complex  
Plot No. 25. Sector-16A  
NOIDA – 201301, Uttar Pradesh.**

**Subject: -Tender in response to your invitation for “AMC for IT EQUIPMENT for BHEL PEM NOIDA for a period of 2 years for BHEL-PEM, Noida”.**

Dear Sir,

We hereby submit our offer in full compliance with the terms and conditions of the tender enquiry. Therefore, we offer you the most competitive rate for these services. Earnest Money Deposit for an amount of ₹ 75,000/- has been transferred through NEFT. Our offer shall remain valid for acceptance for a period of 6 months from due date .

Very Truly Yours,

(Signature of Tenderer with Rubber Stamp)

Full Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Note: The contract has provision that the maintenance contract can be terminated at one month notice.

Seal and Signature of Bidder



**TENDER DOCUMENT**

**FOR**

**“AMC for IT EQUIPMENT for BHEL PEM NOIDA for a period of 2 years  
(period, as per cl. No 5.0 of Technical specification or from PO date  
whichever is later) for BHEL-PEM, Noida”**

Tender Ref. No. : PE-LPE/268

Dated : 08/06/2017

Last Submission date of tender enquiry: - 20-06-2017

Due date for opening of bid on : - 20-06-2017

**Contact Persons:**

1. Mr. I.P. Singh, Sr. Manager-CMM  
E-mail: [indra@bhelpem.co.in](mailto:indra@bhelpem.co.in)

Telephone: 0120-436-8749

2. Mr. Manoj Kumar, Dy. Manager (CMM)  
E-mail: [manojkumar@bhelpem.co.in](mailto:manojkumar@bhelpem.co.in)  
Telephone: 0120-436-8700

3. Mr. RAVI KANT (IT)  
E-mail: [ravikant@bhelpem.co.in](mailto:ravikant@bhelpem.co.in)

Telephone: 0120-436-8776

**Address:** Bharat Heavy Electricals Ltd.  
Project Engineering Management  
PPEI Building, HRDI & ESI Complex  
Plot No. 25, Sector 16A  
NOIDA – 201 301. Uttar Pradesh (INDIA).

**Last date of Submission: 20-06-2017, 02:00PM**

**Subject: -Tender in response to your invitation for “AMC for IT EQUIPMENT for BHEL PEM NOIDA for a period of 2 years (period as per cl. No 5.0 of Technical specification or from PO date whichever is later) for BHEL-PEM, Noida**

Dear Sirs,

We are pleased to invite your tenders, through e procurement system for the subject service. The terms & conditions of the tender are mentioned below:-



## **INSTRUCTIONS TO BIDDERS**

### **1.0 INTRODUCTION**

M/s **Bharat Heavy Electricals Limited** (A Govt. of India Undertaking) incorporated under the Companies Act 1956 acting through its **Projects Engineering Management Division (PEM)**, PPEI Building, HRDI & ESI Complex, Plot No. 25, Sector 16A, NOIDA – 201 301 (hereinafter referred to as "**Purchaser**", which expression shall include its successors and assigns), invites offers for the requirements as detailed in the Enquiry letter and other tender documents.

### **2.0 TENDERER TO INFORM HIMSELF FULLY**

- 2.1 The tenderer shall closely peruse all the clauses, specifications and drawings etc., indicated in the tender documents, before quoting. Should the tenderer have any doubt about the meaning of any portion of the tender specifications or find discrepancies or omissions in the drawings or the tender documents issued are incomplete or shall require clarifications on any of the technical aspect, scope of work etc. he shall at once contact the official inviting the tenders, for clarifications, before submission of the tender.
- 2.2 Tenderers are advised to study all the tender documents carefully. Any submission of tender by the tenderer shall be deemed to have been done after careful study and examination of the tender documents and with the full understanding of the implications thereof. The specifications and terms and conditions shall be deemed to have been accepted unless otherwise specifically commented upon by the tenderer in his offer. Non-compliance with any of the requirements and instructions of the Tender Enquiry may result in the rejection of the tender.

### **3.0 PROCEDURE FOR SUBMISSION & OPENING OF TENDERS**

- 3.1 Tenders shall be accepted in 2 parts [Techno-commercial bid & **Price bid –EXL FORMAT**] on or before the due date i.e. **20 JUN 2017, 02:00 PM** as indicated in the Enquiry letter, through m- junction's e-procurement system.



### 3.2 E-PROCUREMENT

The offer shall be submitted by the vendor through e-procurement system. The vendor to upload the offer on <https://bheleps.buyjunction.in>

Contact person in case of problem in uploading the tender:

1. Helpdesk no 033-66011717 ,
2. Mr Arijit Das, 09163348286,
3. Ms Rimi Ghosh Mob No . 09650044156

### 3.2 PART-I : TECHNO-COMMERCIAL BID

Containing Technical offer, Technical PQR, Commercial Terms & Conditions and Un-priced Copy of the Price Bid. The un-priced copy of the Price bid shall be the same as the Price bid but without the Prices, with all the quoted Prices/discounts/values being replaced with the word 'QUOTED' or 'Q'.

Bidder should sign and stamp each page of all the documents enclosed with the enquiry as a token of acceptance of BHEL's terms and conditions.

### 3.3 PART-II : PRICE BID\*

Containing **PRICES** only (to be furnished in the enclosed Price format only). Prices shall be quoted in Indian Rupees only.

Price Bid should not contain any technical details and/or Commercial Terms & Conditions. Any technical details and/or Commercial Terms & Conditions, if found in this part, shall be ignored as the same are supposed to be contained in PART-I only so that the same can be evaluated before opening of Price Bid(s).

### 4.0 BID OPENING

4.1 The offer may be opened on the due date and time as specified in the Enquiry Letter.

### 5.0 VALIDITY OF OFFER

Offer shall be kept **valid for 6 months** from the due date, for Purchaser's acceptance.

6.0 No correspondence shall be entertained from the tenderers after the opening of Price bid(s).

7.0 Unsolicited tenders shall not be entertained. Unsolicited revised Price Bids also, shall not be entertained at any stage of the tendering process.

Seal and Signature of Bidder



8.0 Purchaser reserves the right to negotiate the tender, if the quoted rates/terms are found in the unacceptable range or unreasonable.

**9.0 LANGUAGE & CORRECTIONS**

**9.1** The tenderer shall quote the rates in English/Hindi language and international numerals only. The metric system of units shall be used, for the purpose of tender.

**9.2 All entries in the tender shall either be typed or written legibly in ink. Erasurement and over-writings are not permitted and may render such tenders liable for rejection. However, all cancellations, corrections and insertions shall be duly attested by the tenderer.**

10.0 Standard pre-printed conditions of the tenderer attached to the offer will not be accepted and only those mentioned in the body of his offer will be considered.

11.0 Taxes and duties payable should be indicated separately, otherwise it will be presumed that the prices quoted are inclusive of all taxes, duty, octroi etc., if any and the Purchaser in such cases shall not pay any tax, duty, octroi etc.

12.0 Manufacturer's name, trade Mark or Patent No., if any, should be specified.

**13.0 The acceptance of tender will rest with the purchaser and does not bind him to accept the lowest or any other tender and reserves to itself full rights for the following without assigning any reasons, whatsoever:**

13.1 to reject any or all the tenders.

13.2 to split up the work amongst two or more tenderers.

13.3 to award the work in part.

14.0 **DELIVERY/COMPLETION PERIOD:** as per cl. No 5.0 of Technical specification or from PO date whichever is later

**15.0 SALES CONDITIONS**

With tenderer's acceptance of the terms and conditions, it will be deemed that he has waived and confirmed as cancelled any of his general sales conditions attached with the offer.

**16.0 TENDER EVALUATION**

Non-compliance with any of the requirements and instructions of the Tender Enquiry may result in the rejection of the tender.

**17.1.1 PRICE DISCREPANCY**

Totals/Gross Total of Prices should be indicated both in words as well as in figures. If there is a discrepancy between unit price, total price quoted in words and figures, the Arithmetical errors will be rectified on the following basis.

(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 of (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.

17.2.2 If the Prices/Rates of one or more of the enquired items have not been quoted, the offer is liable to be rejected. However, if the offer is considered, the same shall be loaded with the highest Prices/Rates available in the other bids received against the same Enquiry.

17.1.3 Though, higher warranty/configuration/rating will be acceptable, than what is required as per tender specifications, no weight age or preference will be given for the same.

17.1.4 Tenders will be evaluated taking into consideration all available financial advantages, including taxation/depreciation benefits, if any. Service tax paid by the seller/contractor to the Govt. Authorities directly shall be reimbursed at actual only (subject to against requisite documentary evidence).

#### **17.0 BANNED FIRMS**

The offers of the bidders who are on the banned list as also offer of the bidder who engage the service of banned firms, shall be rejected. The list of banned firms can be found on website [www.bhel.com](http://www.bhel.com).

#### **18.0 CHANGE OF PRICE BIDS**

The bidder to note that in case there is no change in technical specification or commercial terms, the bidder is not allowed to change his price bid within validity of his period.

#### **19.0 CLARIFICATIONS ABOUT TENDER**

All corrigenda, addenda, amendments, time extensions clarifications etc. to the tender shall be hosted on BHEL websites ([www.bhel.com](http://www.bhel.com) & [www.bhelpem.com](http://www.bhelpem.com)) & CPPP. Bidder should regularly visit websites to keep updated.



**EMD: The bidder shall have to furnish a refundable Earnest Money Deposit (EMD) of Rs.75,000/- along with the bid through NEFT.**

EMD by the Tenderer will be forfeited as per Tender conditions, if:

After opening the tender, within the offer validity period, the tenderer revokes his tender or makes any modification in his tender which is not acceptable to BHEL.

The Contractor fails to deposit the required security deposit or commence the work within the period as per LOI/ Contract.

EMD by the tenderer shall be withheld in case any action on the tenderer is envisaged under the provisions of "Guidelines on suspension of business dealings with suppliers/contractors" and forfeited/released based on the action as determined under these guidelines

## **20.0 SECURITY DEPOSIT**

The vendor to submit the security deposit amount before the start of the contract. The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit. The balance amount to make up the security deposit of 5% of the contract value may be accepted in the form of a Bank Guarantee from consortium Banks as per list given on [www.bhelpem.com](http://www.bhelpem.com) (in the format to be provided by BHEL) (valid for a period for the duration of the contract) or may be provided through Electronic Fund Transfer system in favour of BHEL.

## **21.0 STATUTORY VARIATION**

1) If the rates for taxes and duties in respect of the quoted materials and/ or services assumed by the Seller/ Contractor are less than the tariff prevailing at the time of tendering, Seller/ Contractor will be responsible for such under quotations. However, if the rates assumed are higher than the correct rates prevailing at the time of tendering, the difference will be to the credit of the Purchaser.

2) Statutory Variations in Excise Duty, Service Tax and Central Sales Tax/ Value Added Tax only on self-manufactured items/ services rendered by vendor himself on the rates prevailing at the time of delivery/ completion in comparison to the date of offer, will be to the account of the Purchaser. No other variations such as on customs duty, exchange rate, minimum wages, prices of controlled commodities, any other input etc. shall be payable by the Purchaser.



3) Notwithstanding the above, where the actual completion of the supply occurs beyond the period stipulated in the Order/ Contract or any extension thereof, variations referred to above, will be limited to the rates prevailing on the dates of such agreed completion periods only. For variations after the agreed completion periods, the Seller/ Contractor alone shall bear the impact for the upward revisions and for downward revisions; purchaser shall be given the benefit of reduction in taxes/ duties. This will be without prejudice to the levy of penalty for delay in delivery/ completion schedule.

4) Any new tax structure (like Goods & Services Tax) as and when implemented by the Government shall become applicable in lieu of existing tax structure.

Taxes and duties shall be payable at actual at the time of billing subject to statutory variation clause no 21.0.

Statutory variation shall be payable for the contract delivery period only i.e. if delivery done beyond delivery period specified in the contract, No statutory variation in the taxes and duties shall be payable to the vendor.

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**COMMERCIAL TERMS AND CONDITIONS**

- 1.0 **GENERAL**: The words incorporating singular shall include plural and vice-versa, in the words importing masculine gender shall include feminine and vice-versa and the words importing persons shall include bodies; corporate, limited liability companies, partnership and other legal entities.
- 2.0 **BANK CHARGES** : Unless otherwise specified, the Bank charges, if any, shall be to the account of Seller/Contractor.
- 3.0 **QUALITY** : All Systems/goods/services/licenses supplied/rendered shall be brand new and conform to the contract technical specifications and/or be strictly in accordance with approved samples/drawings. Where there is no specifications, sample or drawings, Systems/goods/services shall be of the best quality.
- 4.0 **CHANGE OF ORDER** : No changes to this order/contract are permitted unless authorised in writing and signed by competent authority of this office.
- 5.0 **LOCATION & CONSIGNEE**: Complete Systems/goods/AMC services will be consigned to DH (PEM – MPL), PPEI Building, HRDI&ESI Complex, Plot No. 25, Sector 16A, NOIDA – 201 301, who will co-ordinate the same
- 6.0 **PAYMENT TERMS**:  
Quarterly payment after the completion of quarter based on certification of IT in respect of successful completion of Work.  
  
Taxes and duties will be payable on actual basis as per Govt Guidelines prevailing at the time of billing.
- 7.0 **MODE OF PAYMENT**: Payment will be made by way of Electronic Fund Transfer only.
- 8.0 **INTEREST** : No interest, whatsoever, shall be payable by the purchaser on any amount due to the Seller/Contractor by the purchaser.
- 9.0 **DELIVERY**: period as per cl no 5 of "Scope and Technical specifications", ref no. PE888S-1701, Rev 01 or from PO date , whichever is later.
- 10.0 **VARIATION**: Negative 50% of contract value and quantity for line item mentioned at sl. No 7 of Annexure-A of price format i.e. "Server 2 way". All other items shall remain firm.
- 11.0 **INDEMNITY**:  
Seller/Contractor shall fully indemnify and keep indemnified the Purchaser against all claims, viz.  
a) which may be made in respect of the use of System/Item(s)/services supplied/rendered by the Seller/Contractor, for infringement of any rights protected by patent, registration of designs or trademarks.



b) any other claims of whatsoever nature arising during the course and out of the execution of this Order/Contract

In the event of any such claims being made against the purchaser, Purchaser will inform the Seller/Contractor who shall at his own risk and

cost either settle any such dispute or conduct any litigation that may arise there from.

**12.0 CONFIDENTIALITY:** Seller/Contractor shall, at all times, undertake to maintain complete confidentiality of all data, information, software, drawings & documents, etc. belonging to the purchaser and also of the Systems, procedures, reports, input documents, manuals, results and any other company documents discussed and/or finalised during the course of execution of the order/contract.

**13.0 LIQUIDATED DAMAGES:** The parties hereto agree that timely delivery is the essence of the order/contract. If the Seller/Contractor fails to provide the services under AMC to BHEL within the time period stipulated in the order/contract or within any extension of time granted by the purchaser, purchaser shall be under no obligation to accept the goods. However, if accepted, liquidated Damages at the rate of half percent per week of delay or part thereof shall be levied on the value of licenses delayed limited to ten percent of the total order/contract value excluding elements of taxes and duties, without prejudice to any other relief or compensation due to the purchaser under any other condition of the order/contract.

**14.0 FORCE MAJEURE:** Seller/Contractor shall not be responsible for delay in delivery resulting from acts/events beyond his control provided notice of the happening of any such act/event is given by the Seller/Contractor to the purchaser within 15 days from the date of its occurrence. Such acts/events shall include but not be limited to acts of God, war, floods, earthquakes, strikes, lockouts, epidemics, riots, fire or Governmental regulations superimposed after the date of order/contract.

**15.0 TERMINATION OF THE ORDER/CONTRACT/ RISK PURCHASE**

**15.1** The purchaser reserves the right to terminate the order/contract, either wholly or in part, in case he is obliged to do so on account of any decline, diminution, curtailment or stoppage of his business and in that event, the Seller/Contractor shall have no claim for compensation against the purchaser on account of such cancellation.

**15.2** Purchaser reserves the right to terminate the order/contract, either wholly or in part, upon situations arising due to non-compliance of stipulations of the Order/contract, by the Seller/Contractor, at the risk and cost of the Seller/Contractor.

**15.3** Purchaser reserves the right to purchase from elsewhere on account of and at the risk and cost of Seller/ Contractor, with notice to Seller/ Contractor, the stores due for delivery but not so delivered, or their equivalent without cancelling the



Order/Contract in respect of stores not yet due for delivery. The manner and method of such purchase shall be at the discretion of the Purchaser.

**15.4** The contract has provision that the maintenance contract can be terminated at one month notice

**16.0** **SUB-CONTRACTING**: Order/contract or any part thereof shall not be sub-contracted, assigned or otherwise transferred without prior written consent of the purchaser.

**17.0** **SETTLEMENT OF DISPUTES**

**17.1** Except as otherwise specifically provided in the Order/Contract, all disputes concerning questions of the facts arising under the Order/Contract, shall be decided by the purchaser, subject to written appeal by the Seller/Contractor to the purchaser, whose decision shall be final to the parties hereto.

**17.2** Any disputes or differences shall be to the extent possible settled amicably between the parties hereto, failing which the disputed issues shall be settled through arbitration.

**17.3** However, the Seller/Contractor shall continue to perform the Order/Contract, pending settlement of dispute(s).

**18.0** **ARBITRATION**

In the event of any dispute or difference arising out of the execution of the order/contract or the respective rights and liabilities of the parties, such dispute or difference shall (except as to any matters, the decision of which is specifically provided for therein) be referred to the arbitration of the person appointed by the competent authority of the Purchaser.

Subject as aforesaid, the provisions of Arbitration and Conciliation Act, 1996 (India) or statutory modifications or re-enactments thereof and the rules made there under and for the time being in force shall apply to the arbitration proceedings under this clause. The venue of arbitration shall be NCR Region, India.

**19.0** **LAWS GOVERNING THE CONTRACT**: The Order/Contract shall be executed and governed by the laws of India and the courts of India alone shall have jurisdiction in respect of any matter arising under or in connection with the Order/Contract.

**20.0** **JURISDICTION OF COURT**: The jurisdiction to decide any disputes in the Contract shall be at New Delhi under any circumstances.

**21.0** **SUBMISSION OF INVOICE** : All Invoices shall be submitted along with specified documents in **triplicate** to IT Department, BHEL-PEM, PPEI Building, HRDI & ESI Complex, Plot No. 25, Sector 16A, NOIDA – 201 301.



- 22.0 ACCEPTANCE:** Letter of Seller/Contractor's acceptance of the LOI/Order/Contract shall be sent to CMM DEPARTMENT, BHEL-PEM, PPEI-BUILDING, HRDI & ESI COMPLEX, PLOT NO. 25, SECTOR 16A, NOIDA- 201 301, within ten days from the date of LOI/Order/Contract. Purchaser shall reserve the right to cancel the LOI/Order/Contract in case the letter of acceptance is not received within ten days. Purchaser will not be responsible for any postal delays.
- 23.0 RECOVERY OF OUTSTANDING AMOUNT:** In the event of any amount of money being outstanding at any point in time against the Seller/Contractor, due to excess payment or any other reason, whatsoever, in the present order/contract or any other order/contract, the outstanding amount shall be recovered from the payments due to the Seller/Contractor or at any other appropriate time and manner/mode as deemed fit by the Purchaser at its sole discretion.
- 24.0 SECURITY DEPOSIT**  
The vendor to submit the security deposit amount before the start of the contract. The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit. The balance amount to make up the security deposit of 5% of the contract value may be accepted in the form of a Bank Guarantee from consortium Banks as per list given on [www.bhelpem.com](http://www.bhelpem.com). (in the format to be provided by BHEL) (valid for a period for the duration of the contract) or may be provided through Electronic Fund Transfer system in favour of BHEL. Bidder to submit a copy of cancelled cheque along with the bid.



**Details of Party**

S. N.	Description	Details
1	<b>Name of the Party</b>	
2	<b>Address of the party</b>	
3	<b>Contact Person's Name</b>	
4	<b>Cell No. of Contact Person</b>	
5	<b>Land Line No./mobile no</b>	
6	<b>FAX No.</b>	
7	<b>E-mail ID of the Party</b>	
8	<b>PAN No.</b>	



**BIDDER COMPANY LETTER HEAD**  
**No Deviation Certificate**

(To be submitted along with Bid)

Notwithstanding anything mentioned in our bid, we hereby accept all the terms and conditions of the above tender. We confirm that the offer submitted is confirming to all the terms and conditions mentioned in the tender document. We hereby undertake and confirm that we have understood the scope of services properly and shall carry out the job as mentioned in this tender.

**Or**

We hereby accept all terms and conditions of the above tender except the following:

- 1.
- 2.
- 3.
- 4.



## **BIDDER COMPANY LETTER HEAD**

### **DECLARATION CERTIFICATE**

I / We do hereby declare that there is no case with the Police/Court/Regulatory authorities against the proprietor/firm/partner. Also I/We have not been suspended / delisted / blacklisted by any other Govt. Ministry / Department/Public Sector Undertaking/ Autonomous Body/Financial institution/Court. We also certify that either our firm or any of the partners are not involved in any scam or disciplinary proceedings settled or pending adjudication. I / We have enclosed the following documents with the tender document in technical bid. :-

1. **Complete tender in all respects duly signed & stamped** on each and every page by the authorized signatory of the bidder as a token of acceptance of all the terms and conditions of tender.
2. **Copy of PAN card.**
3. **EMD Money.**
4. **Cancelled cheque copy**
5. Three years duly signed and stamped by auditors and directors/owner i.e. **Balance Sheet, Profit & Loss Account, Schedule/Notes to Accounts, Auditor Report and/or Income Tax Traces report**



**Check List for bidder**

S. N.	Required Document	If Submitted then Tick (√)
1	Complete tender in all respects duly signed & stamped on each and every page by the authorized signatory of the bidder as a token of acceptance of all the terms and conditions of tender.	
2	Copy of sale tax registration / service tax registration.	
3	Copy of PAN card.	
4	EMD (DD/Pay Order)	
5	CANCELLED CHEQUE	
6	No Deviation certificate	
7	Declaration Certificate	
8	3 years duly signed and stamped by auditors and directors/owner i.e. <b>Balance Sheet, Profit &amp; Loss Account, Schedule/Notes to Accounts, Auditor Report and/or Income Tax Traces report</b>	



## **Instruction to fill price bid**

**\*Note : Bidder to quote Ex-Work price for 1 quarter for all the quantities from sl. No. 1 to sl. No. 17 , given at Annexure-A**

**&**

**Individual price will be calculated by BHEL amongst items from sl. No 1 to sl no 17 as per % contribution of items w.r.t. the total price at COLUMN - E of Annexure-A**



**FINANCIAL PQR**

Average annual financial turnover during the last 3 years - ending 31st March of previous financial year should not be less than Rs.11, 25,000/- (Rupees Eleven Lakh Twenty-Five Thousand Only).

Note : 1) In case the adopted accounting year is other than financial year than previous years to be considered accordingly.

2) The bidder shall provide the complete set of accounts for last 3 years duly signed and stamped by auditors and directors/owner i.e. Balance Sheet, Profit & Loss Account, Schedule/Notes to Accounts, Auditor Report and/or Income Tax Traces report for evaluation

**BHARAT HEAVY ELECTRICALS LIMITED**



**SCOPE & TECHNICAL SPECIFICATIONS  
FOR  
"AMC of IT Equipment for BHEL-PEM, Noida"  
SPECIFICATION NUMBER: PE888S-1701 REV.01**

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**PROJECT ENGINEERING MANAGEMENT DIVISION  
PPEI BUILDING, HRDI & ESI COMPLEX  
PLOT NO. 25, SECTOR 16A  
NOIDA - 201 301 ( U.P. )**

**SCOPE & TECHNICAL SPECIFICATIONS FOR "AMC of IT Equipment and onsite manpower support for BHEL-PEM, Noida"**  
**SPECIFICATION NUMBER: PE888S-1701 REV. 01**

## **1.0 SCOPE**

The scope of vendor includes: -

- a) Providing comprehensive maintenance services for the servers, PCs, Notebooks, printers, switches, routers, plotter, servers, online UPS, Graphics Workstations, L3 and L2 switches and scanners, as specified in clause 5 for a period of **two years**. Maintenance service shall cover services, repairs and replacements necessary to keep the equipment in good working order on reasonable use of the equipment. Periodic maintenance, wherever required, should be carried out to keep the equipment in good working conditions.
- b) Posting of one qualified resident engineer at BHEL-PEM.
- c) Maintenance of sufficient spares at BHEL-PEM.
- d) Running the equipment at the uptime of 98% per month.
- e) Only Toner, Cartridge, Battery for Laptop and Battery for UPS will be out of scope of vendor.

## **2.0 SUPPORT**

### **2.1 On-Site Engineer:**

- a) The vendor shall post one qualified, trained and certified engineer from start of contract till the expiry of contract with proven experience of at least 4 years on maintenance of IT items. The resident engineer posted shall be at least a 3 years diploma holder in electronics/computers/hardware and shall have sufficient experience to provide support for desktop, servers, printers, plotter and switches.
- b) The bio data of personnel that would be deployed onsite shall be submitted to BHEL for review and acceptance. This shall be done even when any changes will be made in the deployment. In case the performance of any of the deployed personnel is not found to be satisfactory by BHEL, replacement shall be provided by the vendor within 2 weeks.
- c) Onsite engineer should be deployed for atleast 6 months. One month prior notice should be given before changing onsite engineer. In case of changing, a new support engineer shall be made available atleast 10 days prior to changing the existing support engineer. Full knowledge transfer



shall be done by the existing support engineer to the new support engineer during the 10 days.

- d) The engineer shall be dedicatedly available at PEM normally from 8.45 AM to 5.45 PM on BHEL working days (Sunday and second and last Saturdays are holidays). Pro-rata deduction shall be made for deficit in onsite engineer's availability.
- e) The engineers shall also provide software (drivers etc) and diagnostic support for IT items (like desktops etc.) other than those for which AMC is being sought.
- f) Call logging (managing Fault Tickets), call escalation, tracking and closure shall be the responsibility of the engineers.
- g) The engineer is also required to coordinate with facility management team for all technical work and liable to work on holidays and Saturday/Sunday (if services are required under emergency) also. No additional amount for working on holidays or late sitting shall be paid.
- h) The scope of responsibility of the engineers, apart from Hardware maintenance, repair, and replacement of faulty parts shall include but is not limited to the clause number 2.2, 2.3 and 2.4.

## **2.2 Desktop and Notebook Support Services**

- a) Install / Support / maintain / Troubleshoot various system hardware and software.
- b) Problem diagnosis, rectification and maintenance of desktop and notebook to ensure the availability. Maintenance services shall consist of corrective (breakdown) maintenance of the computer systems on-site and will include hardware (including all parts thereof), operating system and Virus Cleaning etc. Hardware maintenance will also include supply and replacement of defective parts by the contractor. In case any item is to be taken to vendor's premises for rectification then the to and fro movement of equipment shall be arranged by vendor at no extra cost.
- c) Installation, reconfiguration, reinstallation and upgrade of Windows operating environment as well as standard office productivity suites like Microsoft Office using software provided by BHEL.
- d) Service will also cover loading, rectifying problems, reloading etc. of Operating systems and User software like MS Office, Anti-virus, Adobe acrobat, Intranet / Internet browsing etc., in use in BHEL or as required by user and provided by BHEL.
- e) Service for installing add-ons & upgrades to the equipment as and when ordered separately.



- f) In case of any machine getting shifted from one user to other, the data transfer, dismantling and assembling of machine will be done under service.
- g) To configure the printer and resolving all printing problems of users.
- h) To troubleshoot the network related issues of desktop/server.

### **2.3 Printer, scanner and plotter support Services**

- a) Printer configuration and installation / upgrade of printer drivers, FAX server, Adobe Print Driver on user PC.
- b) Management of Printer software and hardware maintenance of printers.
- c) Scanner configuration and installation / upgrade of scanner drivers.
- d) Management of scanner software and hardware maintenance of scanners.
- e) Plotter configuration and installation / upgrade of plotter drivers.
- f) Management of plotter software and hardware maintenance of plotters.

### **2.4 Server Management**

- a) Ensuring proper connectivity of Servers with Network and user systems.
- b) Resolving configuration errors, server crashes and software corruption.
- c) Backup and restore process of server data in case of system format / transfer or any other activity requiring backup.
- d) Schedule the backup job as per backup policy given by BHEL.
- e) Installation, reconfiguration, reinstallation and upgrade of Server Operating Systems Linux / Windows 2008 etc. Software shall be provided by BHEL.
- f) Support after office hours and on holidays, whenever required and as per scope.

### **2.5 Desktop Management**

- a) Ensuring that Network switches are properly working and servers are connected to network. Network switches which are under AMC are to be replaced or repaired as per SLA.
- b) Installation and configuration of the e-mail client software Microsoft Outlook / Outlook Express / Netscape Messenger etc.
- c) Configuration of connectivity between client desktop and POP3 servers as well as set up of local mail databases and their synchronization / replication with servers.



- d) Problems like LAN not working, users LAN node not working will be attended by service engineer. Replacement of IO point of LAN is not covered under the scope of service.
- e) Making of LAN cables for Networking, equipment for this shall be provided by BHEL. Service Engineer must have knowledge to make cable.
- f) Any other related activity which may not be covered here, but is essential for operation of user services and does not have any financial or resource obligation on part of vendor.
- g) Support after office hours and on holidays, whenever required and as per scope

**2.7 Switch and Router support services**

- a) Preventive maintenance
- b) Basic configuration
- c) Repairing or replacing parts if problem arises.
- d) Troubleshooting connection and network problems.

**3.0 Availability of Spares:**

The following items shall be made available as spares as per the items list at BHEL-PEM, Noida location.

S.No.	Name of Item	Spare quantities to be maintained
1	Server HDD	1
2	Motherboard	1
3	RAM (2 GB)	4
4	LED Monitors	2
5	PC HDDs	4
6	Power Supplies	2
7	Keyboards	5
8	Mouse	5
9	PC motherboard	2

**4.0 Stand-by Equipment**

- a) In case, the equipment failure cannot be rectified through repair / replacement of defective parts, bidder will provide a stand-by equipment to minimize work disruption on account of hardware failure.
- b) If standby is provided for the equipment, then the original equipment should be repaired and reconfigured within 15 days. If the equipment is



not getting repaired for prolonged period, BHEL reserves the right to get it repaired from an outside party at the risk and cost of bidder.

### 5.0 Detail of Hardware for which AMC is required

S.No.	Item	Specification, make and model	Quantity	AMC required from	AMC required up to
1	Notebook-Engineering	<p><b>Make &amp; Model:</b> LENOVO THINKPAD W520</p> <p><b>Processor:</b> Intel® Core™ i7 Processor 620M (2.66GHz) or higher</p> <p><b>Memory:</b> 8 GB DDR3 @1066MHz RAM with 2 DIMM Slots</p> <p><b>HDD:</b> 320GB SATA or higher with Hard Disk protection system</p> <p><b>Screen:</b> 15.4"/15.6" WSXGA color LED display, anti glare</p>	37	14-Sep-2017	13-Sep-2019
2	PC - Engineering	<p><b>Make &amp; Model:</b> LENOVO THINKCENTER M91P</p> <p><b>Processor:</b> Core-i5-670 (3.46GHz, 4MB L3 cache) or higher</p> <p><b>RAM:</b> 6GB or higher Dual Channel DDR3 SDRAM @ 1066 MHZ expandable to 12 GB or higher</p> <p><b>HDD:</b> 320 GB SATA or higher 7200 rpm with Pre Failure Alert</p> <p><b>Monitor:</b> 19" TFT (OEM make) with Aspect ratio 5:4 and min. resolution of 1280*1024 TCO 05 compliant.</p> <p><b>Keyboard:</b> Minimum 104 keys (Same make as PC)</p> <p><b>Mouse:</b> 2/3 Button Optical Scroll Mouse</p>	404	14-Sep-2017	13-Sep-2019
3	Graphics Workstation : Type -I	<p><b>Make &amp; Model:</b> LENOVO THINKSTATION S20</p>	8	14-Sep-2017	13-Sep-2019

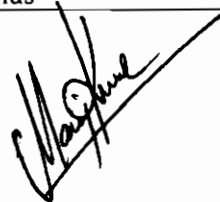
		<p><b>Processor:</b> Xeon w3550 3.06GHz/8MB L3 cache or higher</p> <p><b>RAM:</b> 6GB or higher Dual Channel DDR3 @ 1066 MHZ expandable to 24 GB or higher</p> <p><b>HDD:</b> 500 GB (unformatted), 7200 rpm SATA drive or higher</p> <p><b>Monitor:</b> 19" TFT (OEM make) with min. resolution of 1280*1024 , TCO 05 compliant</p> <p><b>Keyboard:</b> Minimum 104 keys with additional shortcut keys</p> <p><b>Mouse:</b> 2/3 button optical scroll mouse</p>			
4	Laserjet Printer - A4 Color Low End	<p><b>Make &amp; Model:</b> HP LaserJet CP2025dn</p> <p><b>Print Speed:</b> 20ppm (A4, normal) or Higher</p> <p><b>Print Resolution:</b> 600 x 600 dpi or higher</p> <p><b>RAM:</b> 128 MB or higher</p>	22	29-Aug-2017	28-Aug-2019
			10	14-Sep-2017	13-Sep-2019
5	Laserjet Printer - A3 Color	<p><b>Make &amp; Model:</b> HP LaserJet CP5550dn</p> <p><b>Print Speed:</b> 25ppm (A4, normal) &amp; 12ppm (A3, normal) or higher</p> <p><b>Print Resolution:</b> 600 x 600 dpi or higher</p> <p><b>RAM:</b> 128 MB or higher</p>	3	14-Sep-2017	13-Sep-2019
			1	29-Aug-2017	28-Aug-2019
6	Scanner - A3 Color High End	<p><b>Make &amp; Model:</b> Fujitsu fi 6770</p> <p><b>ADF Capacity:</b> 200 pages or higher</p> <p><b>Optical resolution:</b> 600 dpi or higher</p> <p><b>Output Resolution:</b> 600 dpi or higher (color, grayscale, binary)</p> <p><b>Scanning Speed at 200 DPI (Color, Portrait):</b> 40 ppm (80 ipm in duplex) or higher</p>	11	14-Sep-2017	13-Sep-2019



		<b>Scanning Speed at 200 DPI (B&amp;W, Portrait):</b> 50 ppm (100 ipm in duplex) or higher			
7	Server 2-way	<b>Make &amp; Model:</b> HP DL 380 G7 <b>Processor:</b> Intel Xeon Quad Core 5630, 2.53GHz, 5.86GT/sec QPI <b>No. of Processors:</b> Two <b>RAM:</b> 24GB DDR3 1066 MHz expandable to 48GB <b>HDD:</b> 6 x 146 GB or higher SFF hot Pluggable SAS 10K rpm	6	14-Sep-2017	13-Sep-2019
			8	29-Aug-2017	28-Aug-2019
8	Layer 3 switch (Type-I)	<b>Make &amp; Model:</b> CISCO WS-C3560X-24T-S <b>Forwarding Bandwidth:</b> 128 Gbps or more <b>Throughput:</b> 15 Mpps or more	2	14-Sep-2017	13-Sep-2019
9	Router - Type II	<b>Make &amp; Model:</b> CISCO2951/K9 <b>Memory Required:</b> 512 MB DRAM or higher <b>Flash Memory Required:</b> 256 MB or higher	2	29-Aug-2017	28-Aug-2019
10	Laserjet Printer A3 Mono	<b>Make &amp; Model:</b> HP LaserJet 9040dn Printer <b>Print Speed:</b> 40 ppm (A4, normal), 20 ppm (A3, normal) or higher <b>Print Resolution:</b> 600 x 600 dpi or higher <b>RAM:</b> 128 MB or higher	15	14-Sep-2017	13-Sep-2019
			1	29-Aug-2017	28-Aug-2019
11	Dot Matrix Printer Heavy Duty	<b>Make &amp; Model:</b> WeP HQ 2000 <b>Print Speed:</b> Minimum 550CPS (High-speed draft) and Minimum 100CPS (LQ) <b>Workload:</b> Min 2000 pages per day <b>Throughput (Draft Letter) :</b> Min 600 pages per hour. <b>Character size:</b> Minimum at 10cpi 136 maximum printed characters. <b>Paper width and length:</b> Single sheet min 182 to 364 mm; continuous sheet 101 to 406mm <b>Input Buffer:</b> Minimum 64 KB	1	14-Sep-2017	13-Sep-2019

12	Plotter MFS	<p><b>Make &amp; Model:</b> KIP 5000</p> <p><b>Print Speed:</b> Min 4 A0 per minute or 10 A1 per minute.</p> <p><b>Resolution:</b> 400 DPI or higher</p> <p><b>Paper Handling:</b> 3 rolls or more</p> <p><b>Media Cutter:</b> Automatic Cutter.</p> <p><b>Print output Size:</b> 914mm X 15m</p> <p><b>Connectivity Required:</b> IEEE 1284 compliant bi-directional parallel / USB 2.0, 10/100 Base-T Fast Ethernet.</p> <p><b>RAM:</b> 512 MB or higher (OEM original).</p> <p><b>HDD:</b> Min 18 GB or Higher.</p>	1	14-Sep-2017	13-Sep-2019
13	Plotter - A0 Low End (Inkjet)	<p><b>Make &amp; Model:</b> HP DESIGNJET 770 (CH539A) + PS Dongle (CN500A).</p> <p><b>Technology:</b> Ink Jet</p> <p><b>Print Speed, Normal Mode:</b> 140 Sq ft/hr</p> <p><b>Resolution:</b> (black, color) 600 x 600 dpi or higher</p> <p><b>Print Output Size:</b> A0, A1, A2, 914mm x 15m</p> <p><b>RAM:</b> 64 MB or higher (OEM original)</p> <p><b>Connectivity Required:</b> IEEE 1284 compliant bi-directional parallel / USB 2.0, 10/100 Base-T Fast Ethernet.</p> <p><b>Media Cutter:</b> Automatic Cutter.</p>	1	14-Sep-2017	13-Sep-2019
14	Scanner - A4 Color High End	<p><b>Make &amp; Model:</b> Fujitsu fi 4340c</p> <p><b>ADF Capacity:</b> 100 pages or higher</p> <p><b>Optical resolution:</b> 600 dpi or higher</p> <p><b>Output Resolution:</b> 600 dpi or higher (color, grayscale, binary)</p> <p><b>Scanning Speed at 200 DPI (Color, Portrait):</b> 15 ppm (30 ipm in duplex) or higher</p> <p><b>Scanning Speed at 200 DPI (B&amp;W, Portrait):</b> 40 ppm (80 ipm in duplex) or higher</p>	7	14-Sep-2017	13-Sep-2019
15	Layer 2 Switch - 24 Port	<p><b>Make &amp; Model:</b> CISCO WS-C2960S-24TS-L.</p> <p><b>Forwarding Bandwidth:</b> 85 Gbps or more.</p> <p><b>Security &amp;</b></p>	32	14-Sep-2017	13-Sep-2019

		<p><b>Performance Features</b>  <b>Required:</b> Port Security, Portfast, BPDU Guard, Root Guard.  <b>Forwarding Bandwidth:</b> 85 Gbps or more  <b>Throughput:</b> 40 Mpps or More for 64 Bytes Packets</p>			
16	MFS – A4 Color	<p><b>Make &amp; model:</b> HP CM2320n + 128MB RAM  <b>Functionality:</b> Print, Copy and Scan  <b>Print and Copy Speed:</b> 20 ppm Mono &amp; Color or higher  <b>Connectivity:</b> Ethernet LAN, USB  <b>Print Resolution:</b> 600 x 600 dpi  <b>Media Size:</b> A4, A5, letter, executive, legal  <b>Paper Trays:</b> One (1) or more  <b>Scan Technology:</b> CCD Scanner, 1200 x 1200 dpi optical resolution  <b>RAM:</b> 256 MB  <b>Duty Cycle:</b> 40000 pages per month  <b>Print Language Support:</b> PCL 5e, PCL 6, PostScript level 3 emulation</p>	2	29-Aug-2017	28-Aug-2019
17	2x40 KVA Online UPS	<p><b>Make &amp; Model:</b> EMERSON 7400M  <b>System Configuration:</b> 2x40 KVA Online UPS in parallel redundant equal load sharing Mode.  <b>Technology:</b> True On-line, double conversion type  <b>Input Source:</b> Mains/Local DG Set Compatibility  <b>Input Voltage:</b> 415 VAC 3 phase, 4 wires  <b>Input Voltage Tolerance:</b> ± 15%  <b>Input Frequency:</b> 50 Hz  <b>Input Frequency Tolerance:</b> 45 HZ TO 55 HZ  <b>Input Power Factor at nominal voltage and full load:</b> &gt;0.9  <b>Total Harmonic Distortion at 100% NonLinear Load:</b> &lt; %5  <b>Output Voltage:</b> 415 VAC 3 phase, 4 wires  <b>Output Voltage Regulation:</b> ± 1% for 100% static load , ± 1% for 100% balanced load, ± 1% for 100% un-balanced load. THDU &lt; 3% between Phase to Neutral for 100% non-linear load  <b>Output Power Factor:</b> 0.8 or higher  <b>Over Load Rating:</b> 110% for 10 minutes, 125% for 01 minutes 150% for 30 seconds</p>	1	14-Sep-2017	13-Sep-2019



		<b>Inverter Efficiency: &gt; 89%</b> <b>Overall efficiency: &gt; 85%</b>			
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### 6.0 Downtime Calculations

Vendor shall be responsible for running the equipment at the uptime of 98% per month. The deduction for downtime shall be calculated for the uptime below 98% of each equipment.

Service window for equipment is as follows:

S.No.	Item	Service window
1	Servers, Switches, routers and UPS	24 X 7
2	Desktop, notebook, printers and scanners	8.5 hours per working day

The downtime will be calculated on hourly basis per month on 24 hours x 7 days basis for Servers, Switches, routers and Autoloaders. The downtime calculation shall be based on 8.5 hours per working day for Desktop, notebook, printers and scanners.

The deduction for downtime shall be as follows

S.No	Downtime	Deduction factor (D)
1	0 to 2 %	Zero
2	2 to 5 %	1.00
3	Beyond 5 % without standby	AMC Charges + Rs.1000 per day Note: Total deduction shall be limited to maximum monthly AMC charges of all the items put together as per contract for that month.
4	On site Engineers Absence	Rs.1000 per absence per engineer



### **Working calculation for deduction**

Let downtime in a month = A hours

Downtime percentage

A) Servers, Switches, routers and Autoloaders =  $A \times 100 / (24 \times 30) = B$

B) Desktop, notebook, printers and scanners =  $A \times 100 / (8.5 \times 24) = B$

Deduction factor according to the table above = D

Monthly Maintenance charge = quarterly maintenance charge / 3

= M Rupees

Amount of deduction =  $M \times B \times D / 100$  Rupees

If the services of the vendor are not found satisfactory then after giving sufficient notice (3 notices), BHEL reserves the right to terminate the contract and forfeiture of the Bank Guarantee / Security Deposit.



## ANNEXURE- A to PRICE FORMAT

A	B	C	D	E
S.No.	Item with specs	Model Number/ specification	Total Quantity (A)	% Contribution of item w.r.t. total price
1	Notebook Engineering	LENOVO THINKPAD W520	37	5.13
2	Engineering PC	LENOVO THINKCENTRE M91P	404	15.49
3	Graphics Workstation Type - I	LENOVO THINKSTATION S20	8	1.32
4	Laserjet Printer - A4 Color Low end	HP LaserJet CP2025dn	32	6.61
5	Laserjet Printer A3 Color	HP LaserJet CP5550dn	4	3.42
6	Scanner A3 Color High End	Fujitsu fi 6770	11	14.28
7	Server 2 Way	HP DL 380 G7	14	8.26
8	Layer 3 Switch ( Type -1 )	CISCO WS-C3560X- 24T-S	2	1.43
9	Router (Type-II)	CISCO2951/K9	2	2.30
10	Laserjet Printer A3 Mono	HP LaserJet 9040dn Printer	16	13.83
11	Dot Matrix Printer Heavy Duty	WeP HQ 2000	1	0.24
12	Plotter MFS	KIP 5000	1	0.96
13	Plotter A0 Low End (Inkjet)	HP DESIGNJET 770 (CH539A) + PS Dongle (CN500A).	1	0.95
14	Scanner A4 Color High End	Fujitsu fi 4340c	7	14.90
15	2x40KVA Online UPS	EMERSON 7400M	1	7.11
16	Layer 2 Switch - 24 Port	: CISCO WS-C2960S- 24TS-L.	32	2.98
17	MFS - A4 Color	HP CM2320n	2	0.79



**TECHNICAL PQR**

Bidder should fulfil the following qualification criteria. Bids from any bidder not meeting these qualification criteria shall not be considered for final evaluation.

- The bidder should have at least one technical support office in Delhi / NCR. Bidder needs to submit proof for the same.
- The bidder must have successfully executed at least one order of AMC of IT equipment such as PC, Servers printer. Laptop etc during last 7 years (from 31 May 2017), value of which must be at least 30 lakhs. Completion certificate and PO copies along with the full address, telephone numbers and fax numbers of the customers including value is to be submitted as proof.

Or

The bidder must have successfully executed at least two orders of AMC of IT equipment such as PC, Servers printer. Laptop etc during last 7 years (from 31 May 2017), value of which must be at least 19 lakhs. Completion certificate and PO copies along with the full address, telephone numbers and fax numbers of the customers including value is to be submitted as proof.

Or

The bidder must have successfully executed at least three orders of AMC of IT equipment such as PC, Servers printer. Laptop etc during last 7 years (from 31 May 2017), value of which must be at least 15 lakhs. Completion certificate and PO copies along with the full address, telephone numbers and fax numbers of the customers including value is to be submitted as proof.

**AMC FOR IT EQUIPMENT FOR BHEL PEM NOIDA**

**PRICE FORMAT**

PRICE FOR 1 QUARTER AMC PRICE (EX- WORK) *	VAT (Rs.)	SERVICE TAX (Rs.)	TOTAL QUARTERLY PRICE WITH TAXES	TOTAL AMC PRICE FOR 2 YEARS
A	B	C	D = A+B+C	D X 8

\*Note : Bidder to quote Ex- Work price for 1 quarter for all the quantities from sl no 1 to sl no 17 , given at Annexure-A  
& Individual price will be calculated by BHEL amongst items from sl. No 1 to sl no 17 as per % contribution of items w.r.t. the total price at COLUMN -E of Annexure-A