



# भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

## BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

E-tender Ref: PSER: PUR: MSX: 154(VIII):107

Date: 18-1-2016

### NOTICE INVITING TENDER

NOTE: INTENDING BIDDER TO PARTICIPATE MAY DOWNLOAD FROM WEB SITES  
OR  
PURCHASE TENDERS FROM THIS OFFICE

SEALED OFFERS ARE INVITED FROM REPUTED & EXPERIENCED BIDDERS (MEETING PRE-QUALIFICATION CRITERIA AS MENTIONED) THROUGH E-PROCUREMENT PORTAL <https://bheleps.buyjunction.in> ONLY for THE SUBJECT JOB BY THE UNDERSIGNED ON BEHALF OF BHARAT HEAVY ELECTRICALS LIMITED AS PER THE TENDER DOCUMENT. ISSUE OF TENDER TO ANY BIDDER SHALL NOT CONSTRUCT THAT THE BIDDER IS CONSIDERED TO BE QUALIFIED. FOLLOWING POINTS RELEVANT TO THE TENDER MAY PLEASE BE NOTED AND COMPLIED WITH.

#### 1.0 Salient Features of NIT

SL NO	ISSUE	DESCRIPTION	
i	E-TENDER NUMBER	PSER: PUR: MSX: 154(VIII):107 Date 18/1/2016.	
ii	Broad Scope of job	<b>“COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT AND FACILITY MANAGEMENT CONTRACT OF IT EQUIPMENT &amp; SERVICES OF BHEL: PSER FOR A PERIOD OF TWO (2) YEARS”.</b>	
iii	DETAILS OF TENDER DOCUMENT		
a	Volume-IA	General conditions of contract (Supply)	Not Applicable.
b	Volume-IB	General conditions of contract (Service)	Applicable.
c	Volume-IC	Special conditions of contract (Supply)	Not Applicable.
d	Volume-ID	Special conditions of contract (Service)	Applicable.
e	Volume-IE	Forms and Procedures etc.	Applicable.
f	Volume-IF	Technical Conditions of Contract (TCC)	Applicable.
g	Volume-III	Price Schedule (Absolute value)	Applicable
iv	ISSUE OF TENDER DOCUMENTS	a) Online through e-procurement platform at <a href="https://bheleps.buyjunction.in">https://bheleps.buyjunction.in</a> b) in BHEL website ( <a href="http://www.bhel.com">www.bhel.com</a> , <a href="http://www.jantermanter.com">www.jantermanter.com</a> & CPP Portal) : For tender view purpose only	1.Applicable 2. Applicable
v	DUE DATE & TIME OF OFFER SUBMISSION	Date: 28-1-2016, Time: 15-00 Hrs. (Offer to be submitted online only through e-procurement platform at <a href="https://bheleps.buyjunction.in">https://bheleps.buyjunction.in</a> )	Applicable
vi	TECHNO-COMMERCIAL BID OPENING OF TENDER	Date: 28-1-2016, Time: 16-00 Hrs. (online only through e-procurement platform at <a href="https://bheleps.buyjunction.in">https://bheleps.buyjunction.in</a> , participating bidders may witness the same online only)	Applicable

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION, DJ-9/1, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960 फोन/Phone : बॉर्डर/EPABX : 23211798/ 1691

vii	EMD AMOUNT	<i>Rs. 1,50,000/-</i> <i>[SCAN COPY OF EMD TO BE UPLOADED ALONG WITH TECHNO-COMMERCIAL OFFER. ORIGINAL EMD TO BE SUBMITTED IN SEALED ENVELOPE (SUPERSCRIBING TENDER REFERENCE) TO HEAD-PURCHASE/ASST. ENGINEER/PURCHASE, BHEL BHAWAN, DJ-9/1, SECTOR-2, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, WEST BENGAL PRIOR TO LATEST DUE DATE OF SUBMISSION OF OFFER]</i>	<i>Applicable</i>
viii	COST OF TENDER	--	<i>Not Applicable</i>
ix	LAST DATE FOR SEEKING CLARIFICATION	<i>Date: 20-1-2016 (UP TO 11:00 Hrs.)</i>	<i>Applicable</i>
x	SCHEDULE OF Pre Bid Discussion (PBD)	Date : 20-1-2016 Time: 11:00 Hrs. Venue: BHEL-PSER,HQ, BHEL BHAWAN, DJ-9/1, SECTOR-2, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, WEST BENGAL	<i>Applicable</i>
xi	INTEGRITY PACT & DETAILS OF INDEPENDENT EXTERNAL MONITOR (IEM)	--	<i>Not Applicable</i>
xii	Latest updates	Latest updates on the important dates, Amendments, Correspondences, Corrigenda, Clarifications, Changes, Errata, Modifications, Revisions, etc to Tender Specifications will be hosted in BHEL webpage ( <a href="http://www.bhel.com">www.bhel.com</a> →Tender Notifications →View Corrigendums & <a href="http://www.jantermanter.com/">www.jantermanter.com/</a> CPP portal →Tender Notice & E-PROCUREMENT PORTAL <a href="https://bheleps.buyjunction.in">https://bheleps.buyjunction.in</a> ) <b>and not in the newspapers</b> . Bidders to keep themselves updated with all such information.	<i>Shall be intimated to bidder</i>

- 2.0 The offer shall be submitted as per the instructions of tender document and as detailed in this NIT. Bidders to note specifically that all pages of tender document, including these NIT pages of this particular tender together with subsequent correspondences shall be submitted by them, duly signed & stamped on each page, as part of offer. Rates/Price including discounts/rebates, if any, mentioned anywhere/ in any form in the techno-commercial offer other than the Price Bid, shall not be entertained.
- 3.0 Unless specifically stated otherwise, bidder shall remit cost of tender and courier charges if applicable, in the form of Demand Draft drawn in favour of Bharat Heavy Electricals Ltd, payable at Kolkata, issuing the Tender, along with techno-commercial offer.
- 4.0 Unless specifically stated otherwise, bidder shall have to deposit through Demand Draft/Pay Order in favour of Bharat Heavy Electricals Ltd, payable at Kolkata. For other details and for 'One Time EMD' please refer General Conditions of Contract.
- 5.0 This is an *E-tender floated online through our E-Procurement Site <https://bheleps.buyjunction.in>. The bidder should respond by submitting their offer online only in our e-Procurement platform at <https://bheleps.buyjunction.in>. Offers are invited in two-parts only. No Hard copy bid or bids through email/ fax shall be accepted. Bids are invited in two parts & shall be submitted as described below:*

OFFER DESCRIPTION	DOCUMENTS TO BE UPLOADED & MODALITY OF UPLOADING
TECHNICAL OFFER	1.Scanned copy of Covering letter of offer (To be attached in <b>Attachment</b> section) 2. Scanned copy of Entire tender documents signed & stamped in each page by authorized representative of the bidder except price bid (To be attached in <b>Attachment</b>

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	<p>section).</p> <p>3. Scanned copy of Techno-Commercial Offer (To be attached in <b>Attachment</b> section)</p> <p>4. Duly filled all annexures except price &amp; unpriced format (To be attached in <b>Attachment</b> section).</p> <p>5. Copy of records notes of Pre Bid Conference, if applicable/ pre-bid MOM. (To be attached in <b>Attachment</b> section)</p> <p>6. Copy of Tender change notice (TCN), if applicable (To be attached in <b>Attachment</b> section)</p> <p>7. All supporting documents/ Annexures etc as applicable (To be attached in <b>Attachment</b> section).</p> <p>8. No deviation certificate in bidders letterhead as per format given in Tender (To be attached in <b>Attachment</b> section).</p>
<b>PRE-QUALIFICATION PART</b>	9. Pre-qualifying documents with all credentials as per PART-B. (To be attached in PQ <b>Attachment</b> section)
<b>UNPRICED PRICE BID</b>	10. Price schedule –Unpriced but mentioning only quoted / unquoted against each item as per tender. (To be attached in Unpriced bid Attachment section)
<b>PRICE BID</b>	11. Duly filled in Price Schedule as per tender. (To be attached in price bid <b>Attachment</b> section) Any other document uploaded in the price bid, apart from tendered Price schedule, shall not be taken into cognizance for evaluation of offer.

**SPECIAL NOTE:**

- A) Your offer & documents submitted along with offer shall be signed & stamped in each page by your authorized representative. No overwriting/ correction in tender documents by bidders shall be allowed. However, if correction is unavoidable, the same may be signed by authorized signatory.
- B) All documents/ annexures submitted with the offer shall be properly annexed and placed in respective places of the offer as per enclosure list mentioned in the covering letter. BHEL shall not be responsible for any missing documents.
- 6.0 No Deviation with respect to tender clauses and no additional clauses/ suggestions/ in Techno-commercial bid/ Price bid shall normally be considered by BHEL. Bidders are requested to positively comply with the same.
- 7.0 BHEL reserves the right to accept or reject any or all Offers without assigning any reasons thereof. BHEL also reserves the right to cancel the Tender wholly or partly without assigning any reason thereof. Also BHEL shall not entertain any correspondence from bidders in this matter (except for the refund of EMD).
- 8.0 Since the job shall be executed at site, bidders must visit site/ work area and study the job content, facilities available, availability of materials, prevailing site conditions including law & order situation, applicable wage structure, wage rules, etc before quoting for this tender. They may also consult this office before submitting their offers, for any clarifications regarding scope of work, facilities available at sites or on terms and conditions.
- 9.0 For any clarification on the tender document, the bidder may seek the same in writing or through E-PROCUREMENT PORTAL <https://bheleps.buyjunction.in>, as per specified format, within the scheduled date for seeking clarification. BHEL shall not be responsible for receipt of queries after due date of seeking clarification. Any clarification / query received after last date for seeking clarification may not be normally entertained by BHEL and no time extension will be given.
- 10.0 BHEL may decide holding of pre-bid discussion [PBD] with all intending bidders as per date indicated in the NIT. The bidder shall ensure participation for the same at the appointed time, date and place as may be decided by BHEL. Bidders shall plan their visit accordingly. The outcome of pre-bid discussion (PBD) shall also form part of tender.

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- 11.0 In the event of any conflict between requirement of any clause of this specification/ documents/drawings/data sheets etc or requirements of different codes/standards specified, the same to be brought to the knowledge of BHEL in writing for clarification before due date of seeking clarification (whichever is applicable), otherwise, interpretation by BHEL shall prevail. Any typing error/missing pages/ other clerical errors in the tender documents, noticed must be pointed out before pre-bid meeting/submission of offer else BHEL's interpretation shall prevail.
- 12.0 Unless specifically mentioned otherwise, bidder's quoted price shall deemed to be in compliance with tender including PBD.
- 13.0 The Bidder has to satisfy the Pre Qualifying Requirements stipulated for this Tender in order to be qualified. The Price Bids of only those bidders will be opened who will be qualified for the subject job on the basis of satisfying the Pre Qualification Criteria specified in this NIT (as applicable), past performance etc. and date of opening of price bids shall be intimated to only such bidders. BHEL reserves the right not to consider offers of parties under HOLD.
- 14.0 In case BHEL decides on a 'Public Opening', the date & time of opening of the sealed PRICE BID shall be intimated to the qualified bidders and in such a case, bidder may depute one authorised representative to witness the price bid opening. BHEL reserves the right to open 'in-camera' the 'PRICE BID' of any or all Unsuccessful/Disqualified bidders under intimation to the respective bidders.
- 15.0 Validity of the offer shall be for six months from the latest due date of offer submission (including extension, if any) unless specified otherwise.
- 16.0 BHEL reserves the right to go Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder to decide the successful bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

In such case all qualified bidders will be intimated regarding procedure/ modality of process prior to RA and price will be decided through RA process only. In such a case, sealed envelope containing absolute value price bid (Volume-III) will not be opened.

In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'online sealed bid' in the Reverse Auction. Non-submission of 'online sealed bid' by the bidder will be considered as tempering of the tender process and will invite action by BHEL as per extant guidelines in vogue".

However, if reverse auction process is not adopted or is unsuccessful for whatsoever reason, absolute value price bid (Volume-III) contained in sealed envelope will be opened for deciding the successful bidder. BHEL's decision in this regard will be final & binding on bidder.

In case BHEL decides not to go 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.

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.

- 17.0 On submission of offer, further consideration will be subject to compliance to tender & qualifying requirement and customer's acceptance, as applicable.
- 18.0 In case the bidder is an "Indian Agent of Foreign Principals", 'Agency agreement has to be submitted along with Bid, detailing the role of the agent along with the terms of payment for agency commission in INR, along with supporting documents.

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- 19.0 The bidders shall not enter into any undisclosed M.O.U. or any understanding amongst themselves with respect to tender.
- 20.0 The bidder shall submit documents in support of possession of 'Qualifying Requirements' duly self certified and stamped by the authorized signatory, indexed and properly linked in the format for PQR. In case BHEL requires any other documents/proofs, these shall be submitted immediately.
- 21.0 The bidder may have to produce original document for verification if so decided by BHEL.
- 22.0 The offers of the bidders who are on the banned list as also the offer of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL Website ([www.bhel.com](http://www.bhel.com)).
- 23.0 It may please be noted that Guidelines/Rules in respect of Suspension of business dealings (Hold- 6 to 12 Months/ Delisting – 2 years / Banning – 3 years etc), Vendor Evaluation formats, quality, safety and HSE guidelines , standard T&P hire charges of BHEL etc may undergo change from time to time and the latest one shall be followed. Latest "Guidelines for Vendor Evaluation" is web based, quality, safety & HSE"; standard T&P hire charges shall be available at site and shall be given to the successful vendors/subcontractors during execution.
- 24.0 MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure – C where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender .is to be submitted through a-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer.
- 25.0 The bidder along with its associates/collaborators/sub-contractors/sub-vendors/consultants/service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website [www.bhel.com](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.
- 26.0 Notwithstanding anything to the contrary in the Agreement or the Purchase Order, the maximum liability for damages of the Contractor, its servants or agents, shall under no circumstances exceed an amount equal to the Agreement or the Purchase Order Price or the market price of the item/s till Handing Over of the equipment to BHEL/Customer considering the Risk Purchase provision, whichever is higher."
- 27.0 Annexure-A -Amendment to GCC/SCC shall be read in conjunction with GCC-Volume-IB & SCC-Volume-ID.
- 28.0 Annexure-B - Terms & conditions of Reverse Auction is enclosed herewith.
- 29.0 Order of Precedence

In the event of any ambiguity or conflict between the Tender Documents, the order of precedence shall be in the order below:

- a. Amendments/Clarifications/Corrigenda/Errata etc issued in respect of the tender documents by BHEL
- b. Notice Inviting Tender (NIT)
- c. Price Bid-Volume-III
- d. Technical Conditions of Contract (TCC) -- Volume-IF
- e. Special Conditions of Contract (SCC) —Volume-ID
- f. General Conditions of Contract (GCC) —Volume-IB
- g. Forms and Procedures —Volume-IE

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फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : 23211798/ 1691

for BHARAT HEAVY ELECTRICALS LTD

SR. ENGINEER (PURCHASE)

Agency	Contact details	
BHEL, PSER, Kolkata	Address	DJ-9/1, Sector – II, Salt Lake, Kolkata – 700 091
	Phone no	033-23211496, 23211690 (Direct). EPABX – 23216130; Extn – 3223
	FAX no	033-23211960
	E-mail	<a href="mailto:gargi@bhelpser.co.in">gargi@bhelpser.co.in</a> ; <a href="mailto:ssen@nbhelpser.co.in">ssen@nbhelpser.co.in</a>

Enclosure

01. Annexure-1: Pre Qualifying Criteria (Applicable).
02. Annexure-2: Format for No deviation Certificate.
03. Annexure-3: Format for Seeking clarification.
04. Annexure – A - Amendment to GCC/SCC.
05. Annexure -B- Terms & conditions of Reverse Auction.
06. Annexure –C-CA certificate Format.
07. Other Tender documents as per this NIT.

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**ANNEXURE - 1****PRE QUALIFYING CRITERIA**

JOB	<b>“COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT AND FACILITY MANAGEMENT CONTRACT OF IT EQUIPMENT &amp; SERVICES OF BHEL: PSER FOR A PERIOD OF TWO (2) YEARS”.</b>
E-TENDER NO.	PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016

SL NO.	CRITERIA
A	TECHNICAL CRITERIA
1.0	Bidder should have ISO 9001:2008 certification. Bidder should submit valid documentary evidence for the same.
2.0	Bidder should be ISO 27001:2013 certified company. Bidder should submit valid documentary evidence for the same.
3.0	Bidder should be a CMM(I) / PCMM(I) Level 3 or higher certified company. Bidder should submit valid documentary evidence for the same.
4.0	Bidder should have Microsoft Silver / Gold / Platinum Partnership. Bidder should submit valid documentary evidence for the same.
5.0	Bidder should have CISCO Silver / Gold / Premier Partnership. Bidder should submit valid documentary evidence for the same.
6.0	Bidder should have Red Hat Partnership. Bidder should submit valid documentary evidence for the same.
7.0	Bidder should have IBM & HP Support partnership. Bidder should submit valid documentary evidence for the same.
8.0	<p>Bidder should have successfully executed* AMC / Comprehensive Maintenance Service of IT Equipment or equivalent in any Central Government Organizations or Central Government Companies or State Government Organizations or State Government Companies or Central Government PSUs or State Government PSUs or Multi-National Companies of various IT Equipment as follows:--</p> <ol style="list-style-type: none"> <li><b>Desktops / PCs</b> (Reputed Make like HP / IBM / HCL / Dell / Lenovo / Compaq etc. having minimum quantity 300 nos.)</li> <li><b>Servers</b> (Reputed Make like HP / IBM etc. having minimum quantity 15 nos.)</li> <li><b>Laptops</b> (Reputed Make like HP / Dell / Lenovo / IBM / Apple / ACER etc. having minimum quantity 50 nos.)</li> <li><b>Network Switches</b> (Reputed Make like Cisco / HP / 3Com / D Link etc. having minimum quantity 40 nos.)</li> <li><b>Printers / Plotters / Multifunction Devices</b> (Reputed Make like HP / Canon / Brother / EPSON etc. having minimum quantity 70 nos.)</li> <li><b>Scanners</b> (Reputed Make like HP / Canon / EPSON / Fujitsu etc. having minimum quantity 20 nos.)</li> <li><b>Projectors</b> (Reputed Make like BENQ / MITSUBISHI / INFOCUS / GLOBUS INFOCOM / TAXAN etc. and having minimum quantity 15 nos.)</li> <li><b>UPS</b> (Reputed Make like EMERSON / ITON / APC / SCHENIDER / MICROTECH / INTEX / ZEBRONICS etc. having minimum quantity 20 nos. and capacity of each having minimum 2 KVA)</li> </ol> <p>*The word executed means <b>either</b> (the job having minimum contract period of 01 year has been successfully completed) <b>or</b> (the job is under successful execution for at least 01 year) within last 05 years ending on latest due date of submission of offer. Bidder may comply the above by submitting order copies not more than 04</p>

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	nos. Bidder shall submit copy of Work Order & completion certificate/documentary evidence issued by the client/end user in support of above.
9.0	<p>Bidder should have successfully executed** Facility / Infrastructure Management or equivalent of IT Equipment in any Central Government Organizations or Central Government Companies or State Government Organizations or State Government Companies or Central Government PSUs or State Government PSUs or Multi-National Companies of various IT Equipment as follows:--</p> <ol style="list-style-type: none"> <li><b>Desktops / PCs</b> (Reputed Make like HP / IBM / HCL / Dell / Lenovo / Compaq etc. having minimum quantity 300 nos.)</li> <li><b>Servers</b> (Reputed Make like HP / IBM etc. having minimum quantity 15 nos.)</li> <li><b>Laptops</b> (Reputed Make like HP / Dell / Lenovo / IBM / Apple / ACER etc. having minimum quantity 50 nos.)</li> <li><b>Network Switches</b> (Reputed Make like Cisco / HP / 3Com / D Link etc. having minimum quantity 40 nos.)</li> <li><b>Printers / Plotters / Multifunction Devices</b> (Reputed Make like HP / Canon / Brother / EPSON etc. having minimum quantity 70 nos.)</li> <li><b>Scanners</b> (Reputed Make like HP / Canon / EPSON / Fujitsu etc. having minimum quantity 20 nos.)</li> <li><b>Projectors</b> (Reputed Make like BENQ / MITSUBISHI / INFOCUS / GLOBUS INFOCOM / TAXAN etc. and having minimum quantity 15 nos.)</li> <li><b>UPS</b> (Reputed Make like EMERSON / ITON / APC / SCHENIDER / MICROTECH / INTEX / ZEBRONICS etc. having minimum quantity 20 nos. and capacity of each having minimum 2 KVA)</li> <li>Facility management for LAN.</li> </ol> <p>**The word executed means <b>either</b> (the job having minimum contract period of 01 year has been successfully completed) <b>or</b> (the job is under successful execution for at least 01 year) within last 05 years ending on latest due date of submission of offer. Bidder may comply the above by submitting order copies not more than 04 nos. Bidder shall submit copy of Work Order &amp; completion certificate/documentary evidence issued by the client/end user in support of above.</p>
10.0	The bidder should have an office at <b>Kolkata</b> and should have minimum One (1) office in the states of ( <b>Assam / Arunachal Pradesh / Meghalaya / Manipur / Mizoram / Tripura / Nagaland</b> ), ( <b>Bihar / Jharkhand</b> ), <b>Odisha</b> , ( <b>Telangana / Andhra Pradesh</b> ) & ( <b>New Delhi NCR (UT) / Rajasthan</b> ).
11.0	The bidder must submit copy of valid Trade License/VAT Registration/Sales Tax Registration/ TIN Registration/Certificate issued by local municipality or local municipal organization as a documentary evidence for the same.
B	FINANCIAL CRITERIA
12.0	<p>Average Annual Financial Turnover of the bidder should be at least Rs. 28.73 lakhs for the last three Financial Year ending 31/03/2015.</p> <p>The bidder should have earned profit in any of the last three financial years ending on 31/03/2015 and should have positive net worth as on 31/03/2015.</p> <p>Audited balance sheet &amp; profit and loss account of the bidder/ company for the last three years ending on 31/03/2015 need to be submitted in support of above requirement. In case audited Financial Statements have not been submitted for all the three years as indicated above, then the applicable audited statements submitted by the bidders against the requisite three years, will be averaged for three years.</p> <p>If Financial Statements are not required to be audited statutorily, then instead of</p>

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	audited financial statements, financial statements are required to be certified by Chartered Accountant.
13.0	Bidder should have valid PAN and should submit documentary proof for the same.

**Notes for the PQR:**

- a) Consortium / JV bidding is not allowed.
- b) After satisfactory fulfilment of all the above criteria / requirement, offer shall be considered for further evaluation as per NIT.

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**ANNEXURE – 2****FORMAT FOR NO DEVIATION CERTIFICATE**  
**(To be submitted in the bidder's letter head)**

To,  
BHARAT HEAVY ELECTRICALS LIMITED,  
Power Sector - Eastern Region,  
Plot no 9/1, DJ Block, Sector – II, Salt Lake City,  
Kolkata – 700 091

Sub	No Deviation Certificate.	
Job	“ <b>COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT AND FACILITY MANAGEMENT CONTRACT OF IT EQUIPMENT &amp; SERVICES OF BHEL: PSER FOR A PERIOD OF TWO (2) YEARS</b> ”.	
Ref	1.0	E-Tender no. PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016
	2.0	All other pertinent issues till date.

Dear Sirs,

**With** reference to above, this is to confirm that as per tender conditions, we have visited site before submission of our offer and noted the job content & site conditions etc. We also confirm that we have not changed/modified the tender documents as appeared in the website/newspapers and in case of observance at any stage, it shall be treated as null and void.

**We** hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT *and confirm our acceptance to reverse auctioning process* and we hereby convey our unqualified acceptance to all terms and conditions as stipulated in the tender and NIT.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted offer strictly in accordance with tender instructions.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized  
representative of the bidder)

**ANNEXURE – 3****FORMAT FOR SEEKING CLARIFICATION**

JOB	<b>“COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT AND FACILITY MANAGEMENT CONTRACT OF IT EQUIPMENT &amp; SERVICES OF BHEL: PSER FOR A PERIOD OF TWO (2) YEARS”.</b>
E-TENDER NO.	PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016

SI no	Reference clause of tender document	Existing provision	Bidder's query	BHEL's clarification

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Annexure - A

Amendment to GCC/SCC

2. **Clause 2.2 of GCC (Law governing the contract and court jurisdiction)** stands revised as follows:

"The contract shall be governed by the Law for the time being in force in the Republic of India. **Subject to Clause 2.21.1 or 2.21.2 of this Contract**, the Civil Court having original Civil Jurisdiction at Delhi for PSNR, at Kolkata for PSER, at Nagpur for PSWR and at Chennai for PSSR, shall alone have exclusive jurisdiction in regard to all **matters** in respect of the Contract."

3. **Clause 2.21 of GCC (Arbitration clause)**

Clause 2.21 of GCC is re-titled as "ARBITRATION" and shall be replaced by following:

**2.21 ARBITRATION**

2.21.1 If any dispute or differences of any kind whatsoever shall arise between BHEL and the contractor, arising out of the contract for the performance of the work whether during the progress of termination, abandonment or breach of the contract, it shall in the first place be referred to and settled by the Designated Engineer (nominated by BHEL for settlement of the disputes arising out of this contract) who within a reasonable period after being requested shall give written notice of his decision to the contractor. Save as hereinafter provided, such decision in respect of every matter so referred shall forthwith be given effect to by the contractor who shall proceed with the work with all due diligence, whether he or BHEL required arbitration as hereinafter provided or not.

2.21.2 If after the Designated Engineer has given written notice of this decision to the party, no claim to arbitration has been communicated to him by the party within 30 days from the receipt of such notice, the said decision shall become final and binding on the parties. In the event the contractor being dissatisfied with any such decision or if amicable settlement can not be reached then all such disputed issues shall be referred to the sole arbitration of the person appointed by BHEL.

2.21.3 Except as provided elsewhere in this Contract, in case amicable settlement is not reached between the Parties, in respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract, then, either Party may, by a notice in writing to the other Party refer such dispute or difference to the sole arbitration of an arbitrator appointed by Head of the BHEL Power Sector Region issuing the Contract. It shall not be open to the Contractor to object to such arbitrator only on the ground that such arbitrator is an employee/ex-employee of BHEL or has dealt with or has expressed any opinion on any issue touching upon the Contract.

The Arbitrator shall pass a reasoned award and the award of the Arbitrator shall be final and binding upon the Parties.

Subject as aforesaid, the provisions of Arbitration and Conciliation Act 1996 (India) or statutory modifications or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause. The seat of arbitration shall be Kolkata (the place from where the contract is issued)

2.21.4 In case of Contract with Public Sector Enterprise (PSE) or a Government Department, the following shall be applicable:

In the event of any dispute or difference relating to the interpretation and application of the provisions of the Contract, such dispute or difference shall be referred by either Party for arbitration to the sole arbitrator in the Department of Public Enterprises to be nominated by

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the Secretary to the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitration under this clause. The award of the arbitrator shall be binding upon the Parties to the dispute, provided, however, any Party aggrieved by such award may make further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law and Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary or Additional Secretary when so authorized by the Law Secretary, whose decision shall bind the Parties hereto finally and conclusively.

2.21.5 The cost of arbitration shall be borne equally by the Parties.

2.21.6 Notwithstanding the existence or any dispute or differences and/or reference for the arbitration, the Contractor shall proceed with and continue without hindrance the performance of its obligations under this Contract with due diligence and expedition in a professional manner.

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Annexure -B

Terms & Conditions of Reverse Auction

Against this enquiry for the subject item/ system with detailed scope of supply/service as per tender 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.
1. 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 for participation in the reverse auction.
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 (annexure III) 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" which is inclusive of all cost elements in line with terms & conditions of the tender 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, (Annexure IV) 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(s) (whose quote is highest in online sealed bid) will not be allowed to participate in further RA process, provided minimum four bidders have submitted online sealed bids. Wherever more than one bidder is H1, all H1 bidders will not be allowed to participate in further RA, provided minimum 3 bidders are left after removal of all such H1 bidders.

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**Annexure -C**

**Certificate by Chartered Accountant on letter head**

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

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

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.0.1722(E) dated October 5, 2006 :  
Rs.....Lacs
2. **For Service Enterprises:** Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006:  
Rs.....Lacs

**(Strike off whichever is not applicable)**

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

Or

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

Date:

(Signature)

Name-

Membership number-

Seal of Chartered Accountant

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## **ANNEXURE –I**

### **COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT AND FACILITY MANAGEMENT CONTRACT OF IT EQUIPMENT & SERVICES OF BHEL: PSER FOR A PERIOD OF TWO (2) YEARS**

#### **1. Nature of work**

- (A) **AMC of IT Equipment:** The job calls for rendering services towards Annual preventive (mainly for sites with monthly preventive maintenance visits) and breakdown maintenance for all locations of PSER of various hardware like Servers, PCs, Laptops, Printers, Scanners, Plotters, Multifunctions Devices, Routers, Switches, Storage Devices, UPS, Firewall and other peripherals of computers (henceforth called M/Cs) of PSER.
- (B) **AMC of LAN Nodes:** As a part of maintenance of LAN nodes of PSER, the vendor shall provide Annual preventive and breakdown maintenance of Various LAN nodes including manpower support, spares, services & replacement of faulty LAN materials like UTP Cable, IO, face plate & patch panel (on case to case basis).
- (C) **Facility Management:** As part of the facility management, the vendor shall provide services of trained and qualified personnel at PSER in order to ensure the uptime and service availability requirements as specified in scope of work. The vendor will coordinate the activities of these Support Personnel and a register (online/offline) of complaints will be maintained where all breakdown calls will be logged. The Vendor shall provide services of on-site Support Personnel at BHEL, PSER Head office, and PSER sites as required. The on-site/off-site (if required) Support Personnel should also be available during odd hours for any critical needs.
- (D) **Suratgarh Customer:** The job calls for rendering services towards breakdown maintenance at Suratgarh Customer premises for Printers, Scanner & Plotter.

#### **2. Definitions:**

Bharat Heavy Electricals Limited (herein after referred to as “BHEL”) including its Assignees, Legal heirs and Successors.

Vendor (this means the party which enters into the contract for maintenance) including its Assignees, Legal heirs and Successors (hereinafter referred to as Contractor)

Annual Maintenance Contract & Facility management contract (herein after referred to as “AMC & FM” respectively)

In the scope of AMC of IT equipment the “QUANTITY” means the total nos. of IT assts. However, “TENDER SCOPE” means the minimum quantity / committed quantity of IT assets on which evaluation shall be done. However, the successful bidder has to provide AMC support of total IT assets as per tender provision. In case the actual quantity falls below the committed quantity for AMC in any quarter, the committed quantity will be deemed to be considered as actual quantity for that particular quarter for payment purpose & the bidder shall be entitled to get the AMC charges for the committed quantity. Actual quantity for AMC will be counted quarter wise & shall not correspond / relate to any other quarter.

#### **3. Scope of work**

**Support Areas:** Details areas of work as mentioned in the scope shall be as under:

AMC of IT Equipment (Hardware support):

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## **ANNEXURE –I**

- Preventive Maintenance of various IT assets (As per Annexure-II) for PSER sites where Preventive maintenance visits are mentioned in Annexure-IV.
- Breakdown Maintenance of Laptops, PCs & Printer for PSER, Quantity as mentioned in the Tendered Scope (Annexure-II to be read along with Annexure-XII). The Tendered scope shall be valid for a quarter only. In case of occurrence of multiple breakdown of a particular machine/equipment and support rendered by bidder, the quantity for such cases shall be counted as ONE for that particular quarter.
- Breakdown Maintenance of remaining IT assets (except Laptops, PCs & Printers) for PSER as a whole (As per Annexure-II) except for Laptops, PCs & Printer (Tendered Scope).

AMC of LAN Nodes (Hardware support):

- LAN Node maintenance & administration (As per Annexure-III)

Facility Management (Configuration, Software & Services support):

- Help desk Services & Complaint Management for Users
- Preventive Maintenance visits (As per Annexure-IV)
- IT Technical Support Service (On site / off site)
- Remote Site support
- Network Management Service & WAN Administration
- Network Firewall & IPS Management & Administration
- Windows & Linux Server Management
- Desktop OS Administration (Windows / Linux / Macintosh)
- UPS Management
- Backup and Restoration Management
- Video Conferencing Management
- IT Security Management
- Vendor Management
- Mail & Proxy server management
- Adherence & Compliance Management to BHEL PSER's ISMS Policies

AMC of Items under Suratgrah Customer:

- Breakdown Maintenance of Tendered Scope Printers, Scanner & Plotter (As per Annexure-II).

### **The Scope of work shall contain the following different sub heads:-**

- (A)** The scope of work covers annual preventive and breakdown maintenance of M/Cs (**Annexure – II**) along with FM both at Kolkata and outstation locations as stated under the head “**Location**” in **Annexure IV**. However, vendor may carry out pre-AMC/FM checkup before quoting to ascertain the actual no. of machines for being considered in the scope of AMC & FM. Total list of present IT Equipment is attached in **Annexure-II**.

The vendor must keep provision in the contract that if BHEL feels necessary, number of machines may be increased from time to time for taking up execution by vendor within the contract period, at the same rates, and also by keeping all terms & conditions unaltered with reference to the no. of machines having already cleared by BHEL for taking up execution by vendor. **For this, vendor should submit item wise separate price which will remain firm during the whole contract period.** Similarly, vendor must also keep a provision of exclusion / decreasing of machines from the contract from time to time within the contract period in case any machine goes beyond repair. **In case of exclusion of machine, the corresponding AMC charge shall not be payable for that excluded item under intimation to the vendor for applicable quarterly bills. (Refer Point no. 10: Purchaser's Rights, Annexure-I). This is subject to the quantity variation clause as mentioned in the Point no. 14 of Annexure-XII (Preamble).**

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## **ANNEXURE –I**

The vendor has to provide back to back OEM support for the entire period for the RF devices as mentioned in **Annexure-II**. The scope of AMC of RF devices also includes repair, maintenance and trouble shooting of the same at any location of the scope of this contract.

Due to various reasons the machines as listed out in **Annexure-II** may be shifted / transferred / diverted from the said stipulated locations within BHEL inside India at BHEL's cost. The vendor has to extend the services accordingly, at the new locations, under this contract at the existing rates, terms & conditions, on account of change of location of M/Cs. Transport & Transit Insurances are excluded from the scope of the vendor in such diversion.

If any machine is upgraded during the period of AMC and FM to such an extent that qualifies for fresh warranty coverage of the machine after upgrading, same shall be taken out of AMC scope but continue to have in the scope of FM and vendor shall be informed accordingly. In such case of withdrawal of scope, corresponding AMC charges also shall not be paid by BHEL.

In case of broken / burnt cases (which can be termed as physically damaged), only the cost of replacement of the physically damaged part shall be borne by BHEL. For that necessary call report has to be submitted by the vendor and has to be duly certified by BHEL personnel (at HQ/ or site as applicable).

Payment against machines taken out of the scope of CONTRACT for upgrading within CONTRACT period shall not be made. Payment for machines, which in the pre-CONTRACT check are found not fit shall not be eligible for being considered in scope and payment shall also not be released until such machines are made fit to be considered in the scope of CONTRACT as per mutual agreement

The scope of work also covers annual preventive and breakdown maintenance of LOCAL AREA NETWORK present at HQ and sites as given in **Annexure III**. The no. of LAN nodes of respective sites are also as per **Annexure – III**. **The LAN maintenance will include maintenance of LAN cable, IO, Face plate, jack panel and their replacement in case of damage. In such case of replacement of damage components, vendor has to provide the materials with same specification or higher.**

**The scope also includes maintenance of LAN nodes covering manpower support, spares & services & replacement of faulty LAN materials like UTP Cable, IO, face plate & patch panel. During the contract period all necessary spares with same specification or higher are to be supplied and installed by the vendor within the quoted lump sum price of contract (Annexure-III).**

In case of installation of new nodes which is optional, vendor has to specify unit rate of all required spares and also installation charges as listed. (**Annexure-III- Optional Items**)

The vendor must keep provision in the contract for maintenance of increasing no. of LAN nodes from time to time, if felt necessary by BHEL within the period of this AMC & FM CONTRACT at same rate and unaltered terms and conditions. Similarly, vendor must also keep a provision of decreasing of LAN nodes from time to time, if felt necessary by BHEL within the Contract period and the necessary amount shall be reduced from the contract price on pro-rata basis. **This is subject to the quantity variation clause as mentioned in the Point no. 14 of Annexure-XII (Preamble).**

The list of consumables attached with the tender in **Annexure-IX** (for PCs, printers, plotters, scanners, multifunction printers, projectors, NAS, SAN, Firewall, any other hardware which are

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## **ANNEXURE –I**

within the scope of the contract) do not fall under vendor's scope of work. The consumable list cannot be modified for the whole contract period after the start of contract.

- (B)** The no. of machines covered under this contract are located mainly at BHEL PSER HQ at Salt Lake and different PSER sites. Since, the operations at BHEL PSER HQ at Salt Lake are critical, for providing adequate maintenance services, the vendor would ensure posting of necessary competent and qualified maintenance/support staff at PSER, HQ.

**TOTAL 12 PERSONS (SIX: ON-SITE & SIX: OFFSITE) shall be kept for Facility Management services at BHEL, PSER by the vendor.**

- **Six (6) on-site personnel shall be posted at BHEL, PSER, HQ whose roles and responsibilities will be :**
  1. **One Server Administrator (Say SA1) – shall act as Site in-charge and shall have the responsibility (maintenance & security) of Windows Servers**
  2. **One Mail/Linux Administrator (Say MA1) – shall act as the Mail/Linux Admin and shall have the responsibility (maintenance & security) of the Mail server including standby, DR servers and any other Linux Based servers.**
  3. **One Network Support Personnel (Say NP1) – shall have the responsibility (maintenance, support & security) for all network equipment (Firewall / LAN / Switches / Routers / Wireless Access points etc.) and Video Conferencing facility at PSER Kolkata**
  4. **One Desktop Support Personnel (Say DS1) – will have the responsibility of support (both hardware & software) for PC and other equipment at PSER HQ Kolkata users primarily.**
  5. **Site Support personnel (Say SS1)- will have the responsibility to look after Desktop and other peripherals for project sites primarily and also give support to Desktop Support Personnel when there is no call for site support**
  6. **One Helpdesk personnel (Say HP1) - will have the responsibility for logging all complaints in the system for HQ as well as sites received over phone / mail / any other means.**
  
- **Six (6) off-site personnel, out of which Five (5), shall also be kept ready as second level having the following responsibilities :**
  1. **One Server Administrator (Say SA2) - as back up for on-site server admin**
  2. **One Mail/ Linux Administrator (Say MA2) - as back up for on-site mail admin**
  3. **One Network Support Personnel (Say NP2) - as back up for on-site network admin**
  4. **One Desktop Support Personnel (Say DS2)- as back up for on-site desktop support personnel**
  5. **Site Support Personnel (Say SS2)- as back up for on-site site support personnel**
  6. **One Project Manager (Say PR)**

### **(C) Facilities Management Team – Roles & Responsibilities with Qualifications**

#### **1. Server Administrator & Site In-charge –**

- Should have good knowledge and work experience on
  - Windows Server 2003, 2008, 2008R2, 2012 or above
  - LINUX, RHEL 5.5 or higher
  - Client-Server mode
  - MS SharePoint 2007/ 2010 or above
  - SQL Server 2008/2008R2 or above
  - HyperV / VM Ware

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## **ANNEXURE –I**

- Being the Site In-charge also, the person should be capable of liaison with the customer and vendor and coordinate activities within the team.
- Should also be capable of monitoring all the remote sites connectivity through either Leased Line /MPLS WAN or any other.
- Shall also be capable to monitor all the remote IP based equipment either PC, SERVER, ROUTER, SWITCH, NETWORK PRINTER, PLOTTERS, UPS, SAN, NAS, FIREWALL (any Hardware within the scope) etc. or any other network equipment through monitoring tools.
- Should also have sufficient knowledge of running Network Monitoring Tool
- Should also be responsible for Generating call reports, analyzing the call statistics, all failure case studies, all Change case studies & all Configuration case studies.
- For any sort of new installation or migration, the server administrator should be fully responsible for all sorts of installation of OS (Windows/Linux) and installation & configuration of Oracle 9i/10g/11g Database, Oracle 11g Grid Control & Data Guard.
- Should work in co-ordination with DB administrator.
- Should be capable of managing total IT infrastructure at BHEL, PSER.
- Should be **BE/ BTech/ MCA (or equivalent) with MCSE/ MCSA/ MCP (or equivalent) with minimum 3 yrs of experience.**

### **2. Mail / Linux Administrator –**

- The Mail/Linux Administrator should be responsible for overall management and maintenance of Mail Service at PSER. It includes Mail (Send Mail/ Postfix /qmail, Squirrel Mail, or any other mailing systems like MS Exchange/ Zimbra/ Lotus Notes etc.) etc.
- Should be responsible for Proxy server management and maintenance
- Should have knowledge on Scripting
- The Mail Administrator should also be responsible for keeping back-up of all mail data and should also be capable of retrieving the same at the hour of need.
- Monitoring, Configuration and Backup of All Linux Based Servers in PSER Kolkata
- Primary E-Mail Server configuration, implementation upkeep and trouble shooting and integration with SAN
- Implementation & Maintenance of standby E-mail Server in PSER and integration of the server with SAN
- Implementation & maintenance of DR E-mail Server for PSER
- Implementation & maintenance of R-Sync between primary and standby mail server in Kolkata and DR Mail server
- Backup of Primary Mail server along with standby mail server and DR Mail server
- OS Level support for Oracle 9i/10g/11g or above database server, Application Server along with its backup and trouble shooting
- Back up of Windows based file server in SAN through scripts
- Resolution of User complaints related to e-mail both at server level and Client application level like Outlook, Thunderbird, Windows Mail etc.
- LINUX Proxy server Management
- Design, Configuration, Implementation and upkeep of Linux based syslog server
- Mail Server User based Quota Management
- It is preferable that Mail / LINUX administrator have knowledge of Database (Oracle 10g / 11g)
- Should be **RHEL Certified (RHCE) (or equivalent) with minimum 3 yrs of experience.**

### **3. Network Support Personnel –**

- Should be Capable of monitoring & troubleshooting of LAN/WAN equipment (Active & Passive components)
-

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## **ANNEXURE –I**

- Should have hands on experience on routers, firewalls, wireless access points & switches and monitoring the same
  - The personnel shall monitor all the remote sites connectivity through either Leased Line /MPLS WAN/ any other.
  - Shall be responsible to monitor all the remote IP based equipment either PC, SERVER, ROUTER, SWITCH, NETWORK PRINTER, FIREWALL, WIRELESS ACCESS POINTS or any other network equipment through the monitoring tools.
  - Should also have sufficient knowledge of running Network Monitoring Tools.
  - Should have knowledge in running Video Conferencing System.
  - Should review the Fault Tickets raised by various service providers and shall maintain a monthly report of all the fault tickets raised by the service providers for all the sites of PSER and HQ.
  - Should have basic knowledge in managing IT infrastructure.
  - Should have **valid CCNA Global certificate (or equivalent) during the entire period of contract.**
- 4. Desktop Support Personnel –**
- Should be Capable of diagnosing & troubleshooting hardware / software related problem in PC's, Laptops printers, scanners, multifunction devices & plotters etc.
  - Should have basic knowledge of Windows & Macintosh (including installation & configuration) & other application software.
  - Should be **Diploma (or equivalent) with MCSE/ MCSA/ MCP (or equivalent) and with minimum 3 yrs of experience.**
- 5. Site Support Personnel –**
- Should handle all calls related to PSER sites outside Kolkata primarily.
  - Should be capable of diagnosing & troubleshooting hardware & OS related problems in PC's, Laptops, printers & other peripherals.
  - Should have basic knowledge of Windows & Macintosh (including installation & configuration) & other application software.
  - Should also be able to resolve problems through remote PC access mechanism.
  - Should be **Diploma (or equivalent) with MCSE/ MCSA/ MCP (or equivalent) and with minimum 3 yrs of experience**
- 6. Helpdesk personnel –**
- Should log all user calls whenever necessary
  - Shall be responsible for assigning service category, tracking each call to resolution, escalating calls.

**The support timing is tentatively 8:30 AM to 8:30 PM. Minimum Everyday timing for support personnel:**

**At least One (1) Support Personnel: 8:30 AM to 5:30 PM**

**At least Four (4) Support Personnel: 9:00 AM to 6:00 PM**

**At least One (1) Support Personnel: 11:30 AM to 8:30 PM**

**However, support personnel may have to stay beyond the above timings or may have to come early from time to time. Further, if required, additional manpower may be posted in case of exigencies and remote support may be given in case to case basis for uninterrupted FM services as per the same terms and conditions of the contract on 24 x 7 basis.**

**One support personnel having sufficient knowledge in handling servers, switches, desktops, laptops should be available at PSER-HQ on second Saturday, last Saturday, all Sunday and all**

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non-working days. The person should also be experienced in resolving problems of PSER Sites through remote monitoring.

In case of unforeseen incidents like “bandh” etc. vendor should provide at least one support personnel having sufficient knowledge to handle the site.

Vendor has to maintain a Daily Attendance Register at BHEL PSER Kolkata Office for all the on-site support personnel which shall be duly filled every day by all the on-site support personnel. In addition to first level FM team, there will be second level of support personnel available offsite for SA1, MA1, NP1, DS1 and SS1.

SA1 shall be replaced by SA2 only, MA1 by MA2 only, NP1 by NP2 only, DS1 by DS2 only and SS1 by SS2 only. In case of absence of on-site personnel, only the corresponding offsite personnel as mentioned above can replace them. Any deviation from this shall be treated as a contractual deviation and penalty shall be imposed as enumerated below.

In case of absence of first level support personnel, they should be immediately deputed on-site. In case of non-compliance to it, a penalty of 0.1% per day per manpower of the total FM Value per quarter shall be deducted from the quarterly bill submitted by the vendor for that period.

Qualification & Experience of back up group of second level support personnel should be exactly same as mentioned for First Level support personnel.

In addition to these eleven (11) FM Team members, there shall be one (1) no. offsite Project Manager to whom this FM team shall report.

- He should be BE/ BTech / MCA (or equivalent) with MCSE/MCP/MCSA with PG Diploma in IT/MBA/ITIL (or equivalent) certification with minimum 10 yrs. of experience.
- All the operational problems shall be escalated by the on-site support personnel to the offsite project manager, if required.
- The person shall be a single window contact for BHEL.
- The person should have good knowledge on ISO/ITSM standards.
- It will be the responsibility of the offsite Project Manager to ensure successful execution of the contract and providing technical and administrative support for this purpose.

All support & helpdesk personnel (First level & Second Level) and off-site Project Manager should carry mobile phone on 24 hrs. X 7 days basis. If required after office hours also assistance may be provided over phone / remotely. Support should be 24hrs. X 7days basis.

Proposed manpower for 1st Level, 2nd Level & Off-Site Project Manager along with Bio-data / Resume and Qualification details has to be submitted by the vendor. Such documentary evidence to be produced to BHEL by contractor after placement of LOI but prior to start of work and later on as and when asked by BHEL within the contract period.

Those individuals shall be interviewed by BHEL IT Group, if required after placement of LOI but prior to start of work. In case of finalization of order this list is to be maintained by the contractor.

In case of non-compliance to the qualification criteria of any manpower as listed in Point (C) in the course of the contract, a penalty of 0.1% per day per manpower of the total FM contract value per quarter shall be deducted from the quarterly bill submitted by the vendor

Further, in case of non-availability of posted First Level staff for any reasons, replacement of supporting staff from Second Level will be provided immediately. During such make shift arrangement the Project Manager shall take responsibility of taking over & handing over of pending & ongoing

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responsibility of the concerned support personnel. **However, no separate expenses will be reimbursed for local travel.**

**BHEL shall conduct Review Meetings with On Site In-Charge on the complaints lodged and the status of the same and Weekly Review Meetings with Off-Site Project Manager & FM Team where all critical issues and performance of the Team shall be reviewed.**

**In case the performance of any resident support personnel is found to be inadequate by BHEL IT Group, a replacement will be provided by the Vendor within seven days.**

**NON DISCLOSURE AGREEMENT** (as enclosed in Annexure - IV) should be signed by each FM team members (both on-site & off-site) as well as off-site Project Manager at the start of contract execution as per BHEL's ISMS Policy. All the on-site as well as off Site personnel associated with the contract shall abide by the ISMS policies, procedures & guidelines. Strict action shall be taken on any on-site / off site support personnel found violating the ISMS policies, procedures and guidelines of BHEL.

### **NOTE:**

- **ALL THE FIRST LEVEL & SECOND LEVEL SUPPORT PERSONNEL & OFF-SITE PROJECT MANAGER MUST BE ON DIRECT PAY-ROLL OF VENDOR. MANPOWER FROM FRANCHISE IS NOT ACCEPTABLE (Vendor has to submit documentary evidence to substantiate that all First Level support personnel , Second Level support personnel as well as offsite Project Manager are in direct payroll of the contractor throughout the contract period. Such documentary evidence to be produced to BHEL by contractor after placement of LOI but prior to start of work and later on as and when asked by BHEL within the contract period).**
- **ALL THE FIRST LEVEL & SECOND LEVEL SUPPORT PERSONNEL & OFF-SITE PROJECT MANAGER SHOULD SUBMIT THEIR PROOF OF IDENTITY AND ADDRESS. Such documentary evidence to be produced to BHEL by contractor after placement of LOI but prior to start of work and later on as and when asked by BHEL within the contract period (Refer Annexure- XI for the list of Acceptable documents for proof of identity and address proof)**
- **ALL THE FIRST LEVEL & SECOND LEVEL SUPPORT PERSONNEL & OFF-SITE PROJECT MANAGER SHOULD ALSO SUBMIT COPY OF PASSPORT OR ANY OTHER CERTIFICATE FROM COMPETENT AUTHORITY AS PROOF OF THEIR POLICE VERIFICATION. IT IS THE RESPONSIBILITY OF THE VENDOR TO PROVIDE THE COPY OF THE POLICE VERIFICATION DOCUMENTS/PASSPORT COPIES FOR ALL THE ON-SITE & OFFSITE SUPPORT PERSONNEL ALONG WITH THE PROJECT MANAGER ASSOCIATED WITH THE CONTRACT. Such documentary evidence to be produced to BHEL by contractor after placement of LOI but prior to start of work and later on as and when asked by BHEL within the contract period.**

**THE VENDOR HAS TO SUBMIT A DECLARATION ON THEIR COMPANY LETTER HEAD CERTIFYING THAT THEY ARE COMPLYING TO THE MINIMUM WAGES ACT OF RESPECTIVE STATE GOVERNMENTS.**

**(D) During the contract period vendor should undertake preventive maintenance of servers and network devices at Kolkata on a quarterly basis and submit the report to BHEL IT group.**

**(E) For Facility Management of machines under warranty/operational lease, third party vendor should be monitored. As part of third party vendor management, the bidder has to build up interface with**

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existing service providers such as SIFY, AIRTEL, BSNL, HP, IBM, CISCO, Microsoft, ORACLE, WIPRO, HCL, RELIANCE etc.

### **(F) List of Reports to be submitted by vendor as per periodicity given in Annexure – V.**

All formats given as Annexures are tentative and may be modified and new formats added or old formats may be removed from time to time as per BHEL requirements with approval from Head/IT.

- (G)** During the contract period, the vendor must cater services as per schedule and periodicity detailed out in subsequent pages for the machines located in BHEL PSER HQ Salt Lake, Kolkata and report the status of M/Cs to IT Group/BHEL-PSER. **Vendor has to provide one visit per month to the sites as mentioned in Annexure IV for preventive maintenance of machines.** Such services for other local and outstation sites also must be provided at mutually agreed schedule. Vendor shall quote for each site separately & the offer shall remain valid for the entire contract period. **Vendor has to submit the original preventive maintenance report every month for all the list of sites as mentioned in Annexure IV which should be duly signed by BHEL site personnel within the second week of every coming month.** In case the vendor fails to carry out preventive maintenance visit at any site as listed in **Annexure IV**, the corresponding amount for that month for that site shall be deducted from the bill submitted by the vendor for that quarter on pro rata basis. **In case of site-closure, BHEL, IT Group may inform the vendor to exclude items or sites in FM list from the list of items under AMC or from the list of sites under FM as given in Annexure-II and Annexure-IV respectively. In that case the corresponding amount (whichever is applicable) shall be reduced from the contract price.**

For sites where Preventive Maintenance Visits are mentioned as “NO” in Annexure-IV, the vendor has to submit a Compliance Certificate duly certified by BHEL Site Personnel, ensuring that satisfactory service has been rendered by the vendor for the quarter. In case the same has not been submitted or the performance of the vendor is found un-satisfactory, then the payment of FM charges for that particular site for the said quarter shall not be paid. The format for Compliance Certificate shall be firmed up between the successful bidder and BHEL after Mutual Discussion.

- (H)** It is the responsibility of the Vendor to ensure smooth running of the machines along with its installed software (preloaded & system) , related applications ( viz. MS Office, APS ++ , Hindi software), Acrobat, AutoCAD, Netscape, any other mailing software, Internet Explorer or any other browser, FrontPage, Antivirus, Development tools etc.) in healthy condition during the contract period. All such Software shall be supplied by BHEL but maintenance of these software shall be under vendor’s scope. Vendor shall also be responsible for all compatibility along with seamless integration between OS and installed Antivirus and other application software for smooth & trouble-free working.

- (I)** Bandwidth & Network Management tools- Monitoring & management: The monitoring tools shall be utilized to Monitor & diagnose at the component level failures, pre-failure stage i.e. at warning stage, for the following:-

- Network interfaces - Problem diagnosis of our Network structure of PSER’s network. The vendor shall have to diagnose all interface related problems. The interfaces are related to network, Lease line, MPLS WAN or any other.
- Lease Line interface - Problem diagnosis, escalation & monitoring of the ISP is under vendor’s scope.
- MPLS WAN - Problem diagnosis, escalation & monitoring of the ISP is under vendor’s scope.

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- (J) Vendor has to ensure proper network monitoring through proper Network monitoring tool (either supplied by BHEL or freeware) through which all the network ports, network devices & network availability of servers can be monitored.
- (K) Vendor may install & use Bandwidth monitoring tool (supplied by BHEL / freeware) to monitor the MPLS WAN/Lease Line bandwidth usage and shall monitor and provide whenever necessary, history logging facility, Bandwidth usage history, downtime history (Hourly, weekly, month wise) etc.
- (L) Vendor may install & use WAN LINK monitoring tool to monitor the availability of Lease Line/MPLS WAN availability.
- (M) Any interfaces like LAN or WAN (MPLS WAN or LEASE LINE), related problem shall have to be identified with proper software tool & the same has to be resolved with the concerned vendor within a stipulated time. Any interface problem reported shall have to be authenticated by test result of proper monitoring tool/ software tool.
- (N) During the contract period supply/replacement all necessary spares of equivalent or higher specification shall only be acceptable to BHEL.
- (O) Back to back support from OEM should be provided by the vendor for all IT Equipment in their scope where it is required. Necessary certificate from OEMs has to be submitted by vendor during the submission of the offer.
- (P) The vendor has to ensure that all the machines under AMC are in perfect working condition for a minimum of 95 % of the total working hours. The total working hours will be calculated on the basis of:
- 8 working hours per day for PC, Laptops, Printers, Multifunctions, Plotters Scanners, Projectors, Wireless Access Points, LAN Nodes other small peripherals within the scope of the contract.
  - 24 hours per day for Routers, Network Switches, Servers, Back Up devices, Storage devices, Firewalls & UPS
- The uptime shall be calculated as follows:

$$\frac{(\text{Total working hours} - \text{Total downtime in hrs.}) \times 100}{\text{Total working hours}}$$

Total working hours = Total no of BHEL working days depending on its location x (8 or 24)

- (Q) The system will be considered working for the purpose of uptime / downtime on fulfillment of following :

**For M/Cs located at BHEL-PSER-HQ-Salt Lake, the support personnel posted by vendor shall have to attend the problem immediately and ensure resolution. If solution cannot be given within 24 Hours, the same shall be counted as downtime as stated in point – (P) above.**

**For M/Cs located at local and outstation PSER sites, call for problem/trouble shall be reported by BHEL-PSER , Vendor shall lodge the call and assign serial no., date and time of reporting for which record shall be maintained by both of BHEL-PSER and Vendor shall take immediate action and resolve the problem. However, if any outstation call is not attended by Vendor within 48 hours, the same shall be counted as downtime as stated in (P) above.**

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The on-site in-charge of the FM team shall report daily all the pending calls to BHEL. These will be reviewed daily with designated authority for resolution/ escalation.

### **PROTOCOL OF RESOLUTION**

- (R)** In case of any subsystem or peripheral device is down for more than one complete working day, the same will be temporarily replaced by the vendor with a machine of equal / higher configuration to ensure continuous functioning of the system. The system will be considered up in this case and no downtime will be counted. All efforts will be made to limit such temporary replacements to less than 15 days. However, the vendor have to ensure that on any such temporary replacements, overall performance of the system is not affected. In case a particular machine is required to be formatted frequently, the same shall also be counted for downtime as per Point No. 3 (P) above
- (S)** Under no circumstances, a system shall be considered as up if any of the original installed software is not in running condition.
- (T)** The vendor is required to submit details of the infrastructure / logistics for support service for all the outstation sites along with the offer. The information should contain the name of the place from where support personnel would be deputed for troubleshooting and spares would be supplied, number of experts for different types of PCs, Servers, Printers, Multifunctions, Plotters, Scanners, Servers, Storage Devices, Network Devices, Firewall and other peripherals, available at those centers also to be enclosed.
- (U)** Minimum spares shall have to be stored by vendor at BHEL's premises. BHEL will provide the necessary storage space for the same however BHEL will have no liability as to the safety and security of the stock.

### **4. Service Level Agreement:**

#### **Helpdesk Services**

List of Deliverables –

1. Logging user calls.
2. Assigning category as general or security. In case of security incidents major/minor levels to be assigned.
3. Tracking each call to resolution.
4. Escalating calls, if necessary as per escalating matrix
5. Generating call reports
6. Analyzing the call statistics.
7. All failure case studies (relevant ISMS formats for Root Cause Analysis to be filled)
8. All Change case studies (relevant ISMS formats for Change Management to be filled)
9. All Configuration case studies

#### **Incident management:**

This, being a process of reducing or eliminating the effects of (potential) disturbance in IT services (both general & security), is required to be ensured by vendor that users can get the desired level of IT services (security & availability) as soon as possible. Vendor should be able to track all events, keep a log of the event, alerts specific team, escalate based on service level and track till closure. Thresholds can be set-on specific performance parameters, which when breached and can lead to event notification. Vendor shall set notification alarm through email/SMS/Voice alarms/Visual pop-ups etc., an escalation policy that can be defined based on number of events occurrences, and alerts/ notifications that can be defined based on time of day / business hours, contact groups, services

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groups (network, systems or application). Relevant ISMS formats for Root Cause Analysis to be filled for security/critical incidents.

**Problem Management:**

Vendor should provide performance metrics and auto threshold to alert potential bottlenecks and problems before they occur. Vendor shall manage dependencies between the entire chain of network components, servers and applications. This information is utilized in correlation of events and alarms – enabling quick identification of problem and resolution. Vendor should be able to provide correlation between data components for rapid problem isolation and resolution, correlation of events and alarms, management of cascaded failures, correlation interval during which all the events states get resolved – avoids excessive notification and correlates current values against threshold values for each parameter. Vendor should also provide event cause analysis that helps in isolating top causes that need immediate attention to help in proactive management.

**Change Management:**

In case of any change in IT infrastructure / communication infrastructure, vendor shall have to set the total environment under his scope of work, integrated with the change within the set SLA time. Relevant ISMS formats for Change Management (if any) to be filled for all changes carried out in the IT environment in the entire contract period. Relevant ISMS formats for Change Management to be filled for any Change Management in the Infrastructure.

**Configuration Management:**

In case of any change in configuration of IT infrastructure / communication infrastructure or any other which may effect the working situation, the vendor shall have to integrate the total environment under his scope of work, with the required configuration within the set SLA time. Relevant ISMS formats for Change Management (if any) to be filled for all changes carried out in the entire contract period.

**Release Management:**

In case of any new updates/ upgrades/ releases of OS or any other software, effect of the same shall have to be seamlessly integrated with all PCs & peripherals under the scope of vendor within the set SLA time. Relevant ISMS formats for Patch Management (if any) to be filled for all security patches carried out in the entire contract period.

**Service Level Objectives –**

90% of the calls will be closed within the stipulated resolution time (depending on the severity of the call) - Measured on a quarterly basis.

The problems will be classified into 3 severity levels –

Severity Level – 1 – A problem which affects large number of users / critical users in their immediate working (e.g. – Network, server, network printer problems etc.)

Severity Level – 2 – A problem that affects an individual user (e.g. – Individual hardware problem, printing problem, problem in using OS tools etc.)

Severity Level – 3 – Installation of desktops, change in configuration, creation of profiles, movement of equipment, etc.

**Matrix of Resolution Time**

Severity Levels	Resolution Times
Level 1	2 hours
Level 2	4 hours

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Level 3	8 hours
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The resolution times will be considered with respect to working hours only and not with respect to clock hours. Calls that require escalation to vendors like hardware calls, application related calls etc. should not be considered for the service level calculations.

### **Measurement metrics -**

Resolution time (%) = 
$$\frac{\text{(Number of calls closed within stipulated resolution time * 100)}}{\text{(Total number of calls received)}}$$

Reports –

Daily - Pending call report

Quarterly –Downtime report

### **Technical Support Service**

**Scope-** The Technical Support Service includes the Technical Support Staff for desktop management at BHEL HQ & Sites. This will cover the skill support on Desktops (Windows / Mac OS), Printers, Laptops (Windows / Mac), UPS, Servers (Windows / Linux OS), Network devices, Plotters, Multifunction, Projectors, Firewalls and 1st level support for LAN/WAN equipment.

List of deliverables:

1. First level hardware support for the above equipment - Diagnosing the problem and getting the same resolved as per the severity level assigned to it.
2. Supporting the desktop OS (Windows / MAC) and MS Office software.
3. Configuring resolving printing problems of the users
4. Resolving network connectivity problems.
5. Installing software on the clients & Server
6. Performing any Install, Move, Add or Change at the client & Server level

Service level objectives / Measurement Metrics / Reports:

Covered under Help Desk service

### **Windows & Linux Server Management and OS Administration (Windows / Mac)**

**Scope** – It will cover the WINDOWS Server 2003/2008/2008R2/2012 or above & Linux servers.

List of deliverables –

1. Orderly system startup and shutdown
2. Monitoring CPU utilisation disk space usage etc. vis-à-vis threshold.
3. Resolving server problems like system crash, network connection failure etc.
4. Creating / modifying / deleting users and groups.
5. Installation of OS upgrades and patches as and when provided by BHEL/vendor.
6. Re-installing O/S, if required.
7. Performing periodic system performance tuning – changing the system configuration parameters and re-organizing the disk space etc. This refers to the operating system only and specifically excludes proprietary applications running on the server.
8. Performing periodic backup & restoration of all system files / volumes.
9. Installing system software.
10. Escalating unresolved problems to the principal / hardware vendor for ensuring resolution.

Service level objectives / Measurement Metrics –

Covered under Help Desk service

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## **ANNEXURE –I**

### **Backup and Restoration Management Service**

#### **Scope:**

The Backup & Restore Management Service includes taking backup of all critical systems, making offsite backup as per Backup Policy mentioned in ISMS Procedures & filling up of ISMS Formats for Back up and Restoration.

#### List of deliverables –

1. Perform backup operations as per the defined backup strategy
2. Label media for identification and retrieval
3. Ensure proper storage and handling of media to prevent data loss
4. Conduct restoration drills with sample backed up data on a quarterly basis to confirm data integrity
5. Maintain log sheets of backups taken
6. Replace media that reach their defined life cycle
7. Ensure adherence to the Disaster Recovery policy.

#### Service level objectives –

1. Ensure that backups are taken as per defined schedule
2. Successfully perform 100 % of the planned restoration exercises.

#### Measurement Metrics –

Backup regularity (%) =  $\frac{\text{Number of backups taken in the month} * 100}{\text{Number of scheduled backups}}$

Backup effectiveness (%) =  $\frac{\text{Number of successful restoration drills in the qtr} * 100}{\text{Number of restoration drills in the quarter}}$

#### Reports –

1. Monthly report on planned backups and backups actually taken
2. Quarterly report on the number and success of the restoration drills.

### **IT Security Management Service**

#### **Scope:**

It will cover the Servers & Network Devices at BHEL

#### List of deliverables –

On Windows Server 2003/2008/2008R2/2012 or above & Linux servers:

1. Creating user accounts with defined rights and privileges
2. Ensuring restricted access to system files.
3. Reporting any security breach to BHEL as and when detected and resolution of the same as a whole.

#### Internet Security:

Monitoring Internet access and breaches to Internet Security.

#### Reports –

Exception report on any security violations with RCA as per ISMS Formats (if any)

### **Network Management Service (LAN/WAN)**

#### **Scope:**

The Network Management Service includes the maintenance & logical security of Local Area Network & Wide Area Network of BHEL.

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List of deliverables –

1. Identifying LAN / WAN faults and getting them resolved through vendors providing maintenance services as per the clause 3. (I) Bandwidth & Network Management
2. LAN maintenance includes cable replacement in case of cable being faulty.
3. Configuration management of the network devices
4. Updating the documentation of the LAN / WAN setup
5. Different reports generated by NMS software
6. Any other customized report as required by BHEL
7. Management of Video Conferencing facility in BHEL PSER
8. IOS & IPS (Cisco ASA Definitions) up gradation

Service level objectives / Measurement Metrics –

Covered under Help Desk service

Reports –

1. Monthly report on LAN/WAN downtime
2. Monthly – WAN availability report
3. Monthly – WAN bandwidth utilization report
4. Monthly – Internet Bandwidth utilization report

### **Vendor Management Service**

#### **Scope:**

The Vendor Management Service includes all the vendors dealing with IT infrastructure at BHEL.

List of deliverables –

1. Maintaining database of the various vendors with details like contact person, telephone numbers, escalation matrix, response time and resolution time commitments etc.
2. Logging calls with vendors.
3. Coordinating with the vendors to get the problems resolved.
4. Escalating problems, if required.
5. Keeping track of the hardware and software maintenance contracts entered into by BHEL with the various vendors
6. Analyzing the performance of the different vendors vis-à-vis their maintenance contract entered into with BHEL

Service level objectives:

Coordinating with vendors to ensure that 90% of the calls logged on them are resolved within the times stipulated in their maintenance contract entered into with BHEL. In case the problem is found at the coordinated vendors end, due to which the logged call are not resolved then the same may be established by FM vendor with some monitoring tool's output. In such cases the failure shall not be considered as FM vendor's failure.

### **6. Contract Period**

**The period of the CONTRACT under this scope is for Two (2) years**, (start of contract shall be within 03 weeks from date of placement of LOI or as intimated by authorized IT representative from BHEL for the start of contract whichever is later). The start date of work shall be intimated to successful bidder by Head (IT, Systems & MSX), BHEL, PSER or his authorized representative for the job after placement of LOI.

### **7. Price / Rate**

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- (i) The vendor shall quote lump sum & firm price as per the Price Schedule format (Annexure-XII) for the entire contract period from the date of commencement of this CONTRACT as per the scope of work and other terms & conditions of this contract.
- (ii) The vendor will have to quote uniform rates for items under the category of Laptop, PC, Printer, Plotter, Scanner, Multifunction device, UPS, Server, Switch, Projector, RF Device and Wireless Access Point for similar make and model irrespective of location as these items will be diverted from one site to another from time to time (as per scope of the tender- FM sites).
- (iii) The AMC period for the machines as mentioned under Suratgarh Customer head shall start from the period as mentioned in the Annexure-II. Vendor shall quote the lumpsum price for those equipment only in the price schedule and the payment for those shall be carried out on pro-rata basis on the start of AMC date item wise, till the contractual completion date of this contract. No extra TA, DA charges shall be payable by BHEL to bidder for breakdown maintenance of those machines.
- (iv) Vendor has to quote rates for optional FM locations for all states & Union Territories of Union of India as mentioned in Annexure-X. The optional rate shall not be considered for evaluation, however, optional rates shall remain valid for entire contract period. In case of addition of new sites for states which are not included in the offer, vendor will have to provide FM services for the new site(s) based on the optional lumpsum rates for that particular state as quoted by them in their offer.
- (v) In case of fresh requirement arises due to new PSER site within the contract period (which is beyond the present scope of work), successful bidder may be asked to submit their price for such new FM requirements. In such cases BHEL may refer approved rates (if any available) & rates shall be finalized on mutually agreed basis.
- (vi) The quantity under the scope of AMC, LAN & FM Sites given in the scope are provisional and may vary to any extent at the time of Execution of work. Quoted Rates of the items shall remain firm throughout the contract period within the variation of (+) 30 (Thirty percent) percent of the total contract price.

### **8. Payment Terms**

**(A)** Payment shall be released quarterly on pro-rata basis, within 45 days of submission of invoice, after deducting charges on account of Down time / Penalty (calculated as mentioned below), against invoice raised (in triplicate) by vendor on completion of satisfactory services to be certified by BHEL PSER HQ IT, subject to submission of all relevant documents complete in every respect, on completion of each quarter of contract period after deducting 10% as retention money. The documents required for the submission of the quarterly bills by the vendor are as under:-

- Invoice in Triplicate
- Downtime reports in original (duly filled, verified and certified by BHEL Personnel)
- Preventive Maintenance visit reports (for the quarter) for sites (wherever applicable) as mentioned in Annexure-IV, list certified by IT, SYS & MSX Department (for the billing Period)
- Compliance Report from Sites (wherever applicable) duly certified by BHEL Site Personnel
- Copy of the Group Insurance done by vendor for the people working under the contractor for this work along with the list of persons employed.
- Proof of remittance of provident fund to the concerned authorities for all the manpower employed by contractor for this job even for one day before claiming the quarterly bill.

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- Daily Attendance Report to the concerned BHEL engineer.
- Copy of pay sheet of contractor's employee for every month to the concerned BHEL Engineer.

In the scope of AMC of IT equipment the "QUANTITY" means the total nos. of IT assts. However, "TENDER SCOPE" means the minimum quantity / committed quantity of IT assets on which evaluation shall be done. However, the successful bidder has to provide AMC support of total IT assets as per tender provision. In case the actual quantity falls below the committed quantity for AMC in any quarter, the committed quantity will be deemed to be considered as actual quantity for that particular quarter for payment purpose & the bidder shall be entitled to get the AMC charges for the committed quantity. Actual quantity for AMC will be counted quarter wise & shall not correspond / relate to any other quarter.

The payment for items under Suratgarh Customer shall be done item wise after the start of AMC of individual item for the quarter.

This 10% retention money will be released on satisfactory completion of the contract period on certification by BHEL PSER HQ IT and on compliance of Final Bill formalities as per Cl. No. 2.23.2 of General Conditions of Contract (Service), Volume-IB.

**(B) (B.1) Penalty due to downtime may be calculated as follows (in INR):**

Total Downtime in a month = A hours

Downtime (%) =  $B = (A / \text{Total Working hours}) * 100$

[Total working hours for PC, Laptops, Printers, Multifunction Devices, Plotters Scanners, Projectors, Wireless Access Points, LAN Nodes other small peripherals within the scope of this contract = (No. of Days in the month X 8) hrs.

Total working hours for Routers, Network Switches, Storage Devices, Servers, Back Up devices, Firewalls & UPS = (No. of Days in the month X 24) hrs.]

Equipment AMC charge for a quarter ( In Rs. ) = R

Equipment AMC charge for a month ( In Rs. ) =  $M = (R/3)$

Amount of Deduction for the month ( In Rs. ) =  $[(B \times M) / 100]$

**(B.2) Penalty due to failure in carrying out Preventive maintenance visits may be calculated as follows (in INR):**

In case the vendor fails to carry out preventive maintenance visit at any site as listed in **Annexure IV**, the corresponding amount of FM charges for that site for that month shall be deducted from the bill submitted by the vendor for that quarter on pro rata basis.

**(B.3) Penalty for non-compliance for manpower may be calculated as follows (in INR):**

Amount of Deduction for the quarter = (No. of Manpower Non-Compliant) X (No. of days Non-Compliant) X (Total Value of FM quarterly) X 0.1%

**(B.4) Penalty for Delay in the Start of Work may be calculated as follows (in INR):**

Penalty on delay in start of work will be applicable to the delays attributed to vendor. Penalty will be considered separately for the same. The rate of penalty for delayed start of work shall be @ 0.5% per week of delay of total WO value subject to maximum of 10% of total WO value.

**The maximum cumulative penalty to be imposed on the vendor on account of penalties for (B.2), (B.3) & (B.4) shall be 10% of the total Contract Value. However, there will be no capping on account of penalties for (B.1).**

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## **ANNEXURE –I**

### **9. Termination**

BHEL PSER may terminate this CONTRACT at any time by informing the vendor of BHEL PSER's intention to do so in writing by giving notice for a period of one month and without assigning any reasons whatsoever. In such case no payment will be given for the balance period of CONTRACT including period of unsatisfactory services, if any.

BHEL reserve the right to terminate the CONTRACT of the respective machine(s) due to repeated failure on the part of vendor to attend to problems of machine(s) or due to other reasons, found necessary by BHEL for betterment / up gradation of the systems. Under such circumstances, proportional amount shall not be admissible by BHEL for payment to the vendor

Further in case of observance of violation of any policies/rules/procedures of BHEL by on-site or offsite support personnel of vendor, strict action shall be taken on vendor/vendor's personnel under intimation to the vendor.

### **10. Purchaser's Right:**

The Purchaser reserves the right to make changes within the scope of the contract with the following aspects at any point of time.

BHEL may make changes within the general scope of the contract in any one or more of the following during contract period with a written intimation:

- Change of location for provision of services
- Change in number of Machines at any location across all locations
- Change in number of LAN nodes at any location across all locations
- Addition or surrender of FM services due to opening or closing of sites.
- For surrender of FM Site, payment for FM charges shall be made on pro- rata (as per visit basis) of the visit cost (for preventive maintenance/maintenance service). Once the site is closed the requisite payment of FM charges for that site shall not be paid in the subsequent bills.

### **11. Subletting of Contract**

The contract or any part thereof shall not be subcontracted/assigned or otherwise transferred without obtaining prior consent in writing from BHEL PSER.

### **SPECIAL CONDITION OF CONTRACT:**

**The vendor must quote for all the machines irrespective of any choice, i.e., either for a particular type of machine or for machines of any particular make. The vendor must quote for LAN Nodes and FM for all the sites mentioned in the scope of work (including optional).**

**Price variation Clause (PVC) & Over Run Charges (ORC) are not applicable for this contract.**

### **QUALITY ACCEPTANCE CRITERIA:**

**The vendor has to ensure that all the M/Cs as mentioned in Annexure II are in perfect working condition for a minimum of 95% of the total working hours. The total working hours will be calculated on the basis of:**

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## **ANNEXURE –I**

- **8 working hours per day for PC, Laptops, Printers, Multifunction devices, Plotters Scanners, Projectors, Wireless Access Points, LAN Nodes other small peripherals within the scope of the contract.**
- **24 working hours per day for Routers, Network Switches, Servers, Back Up devices, Firewalls & UPS.**

### **TAXES AND DUTIES:**

#### **WORKS CONTRACT TAX / VAT:**

All taxes (excluding Service Tax & SWACHH BHARAT Cess), Works Contract Tax under state VAT Act, charges royalties, duties, Octroi, Cess, any State or Central levy and other taxes for materials obtained for the work and for the execution of the contract shall be borne by the contractor and shall not be payable extra.

Any increase of the same at any stage during execution of the contract shall have to be borne by the contractor. Any reduction in statutory taxes and duties in accordance with Govt. Notifications shall be passed on to BHEL.

Quoted/ accepted rates/ price shall be inclusive of all such requirements after taking the Input Credit, if any, as per provisions of the State VAT Act. The contractor is responsible to furnish all documentary evidences towards payment of Works Contract Tax as & when required by BHEL. Submission of Tax Invoice is a **must** after Grossing up the Bills as the price is inclusive of VAT

The Bidder must note that Bidder is required to provide us **Tax –Invoice wherein VAT TAX on Materials used / consumed must appear with applicable Tax rate**. In other words, Tax Invoice would clearly show vivisection of Materials and Services value separately.

The Bidder has to make their own arrangement at their cost for completing the formalities, if required, with State VAT Act Authorities, for bringing their materials, plants & machinery at site for execution of the works under this contract, Road Permit/ Way Bill, if required, shall be arranged by the contractor and BHEL will not supply any Road Permit/ Way Bill for this purpose. The contractor must be a Registered Dealer with the Sate VAT Act, if not registered yet and a copy of the said Registration Certificate along with TIN number must be provided to site RAO/ BHEL.

TDS under Income Tax and VAT shall be deducted at prevailing rates on Gross Invoice Value from the Running Bills unless exemption certificate from the appropriate authority / authorities are furnished.

#### **SERVICE TAX**

Service Tax along with SWACHH BHARAT Cess as legally leviable & payable by the Contractor, vide Sec-65B (44), shall be paid by BHEL on contractor's gross bill and production of GAR-7 CHALLAN .

Vide Section 68 (1) of Finance Act , 1994 read with Rule 6 ( 1) of Service Tax Rules , 1994 , payment of Service Tax at the rate specified in Section 66B in Section 68 w e f 01.07.2012 vide Order No. 1/2012 dated 15.06.2012 is reimbursable by BHEL . The contractor shall furnish proof of Service Tax registration with Central Excise Division covering the services under this contract. Registration should also bear endorsement for the premises from where the billing shall be done by the contractor on BHEL for this project.

The Bidder shall issue invoice complying with **Rule 4A of the Service Tax Rules 1994**. The invoice shall indicate the name, address and the registration number (PAN Based STC No.) of the Bidder; the

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name and address and the registration number AAACB4146PST005 of BHEL.; the description and value of taxable service provided; and the service tax payable thereon by the Bidder.

B.H.E.L-P.S.E.R will not be held to be responsible for non-compliance of various Service Tax Rules, being framed from time to time

Point of Taxation Rule, 2012 has come into operation from 01-04-2012. As per the rule Invoice must be generated within 30 days from the date of completion of service. In such case, the date of invoice will be the relevant date. However, if the invoice is not generated within 30 days as stated above, the date of completion of service shall be the relevant date.

Vendors must take adequate care and cautions w. r. t. "Point of Taxation Rule,2012" as otherwise both the Vendors ( for non-compliance ) and BHEL ( unable to take Credit on Input Services, resulting in extra fund flow in that particular month ) will suffer.

With introduction of Cenvat Credit Rules , 2004 which came into force wef 10-09-04, Excise Duty paid on input goods including capital goods used for providing the output service and Service Tax paid on Input Service can be taken credit of against the service tax payable on output service. As such, while offering the rates, the contractor may take in to account the benefit of above provisions as the cost of input to contractor will be net of Excise Duty and service Tax and adjust their offer price accordingly to make it more competitive.

New tax & duties, if imposed subsequent to latest due date of offer submission, by statutory authority during contract period (including extension, if the same is not attributable to the vender), shall be reimbursed by BHEL on production of relevant supporting document to the satisfaction of BHEL. However, vender shall obtain prior approval from BHEL before depositing new taxes and duties. No reimbursement shall be made on account of increase in rates of existing taxes, duties etc. (as on latest date of offer submission).

**LIST OF IT EQPT TO BE COVERED UNDER AMC - LAPTOP****ANNEXURE - II (LAPTOP)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	CR-377	CND6350N8M	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	TEESTA
2	CR-378	CND6350NSR	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	PARADIP (IOCL)
3	CR-380	CND6350NXC	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
4	CR-381	CND6350NBQ	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KODERMA
5	CR-382	CND6350NSS	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	ADHUNIK TPS
6	CR-384	CND6350N9X	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	TEESTA
7	CR-385	CND6350NY0	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	SAGARDIGHI WBPDCI
8	CR-386	CND6350NP4	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
9	CR-387	CND6350NYC	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
10	CR-390	CND6350NZZ	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	PATNA
11	CR-391	CND6350NWW	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
12	CR-392	CND6350NVM	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
13	CR-393	CND6350NTQ	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
14	CR-395	(S)CND63615N4	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	BARH
15	CR-396	CND6341V8H	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
16	CR-397	CND6341TD7	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	VIZAG
17	CR-399	CND6341TF2	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KAMENG (NEEPCO)
18	CR-400	CND6341TK3	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
19	CR-401	CND6342674	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
20	CR-402	CND6341TCV	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	PALATONA
21	CR-403	CND6341TF8	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KODERMA
22	CR-404	CND6341VSR	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
23	CR-405	CND6341TDG	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	PALATONA
24	CR-406	CND6341TCM	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	BOKARO-A
25	CR-407	CND63420JL	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
26	CR-408	CND6341V78	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	SINGARENI COLLIERIES TPS
27	CR-409	CND63410JC	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	DURGAPUR (DPL)
28	CR-410	CND6341V77	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	BARH
29	CR-411	CND6341TGS	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	BARH
30	CR-412	CND7522G6V	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	DURGAPUR (DPL)
31	CR-413	CND6341TDM	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	BARAUNI EPC
32	CR-414	CND6341567	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	NTPC-BONGAIGAON
33	CR-415	CND6341550	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	PALATONA
34	CR-416	CND6341TCY	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KODERMA
35	CR-417	CND6341T95	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	BARH
36	CR-418	CND6341T9P	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
37	CR-424	CND6350NV6	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
38	CR-425	CND6350NXW	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
39	CR-427	CND6341NS3	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
40	CR-428	CND6340P2S	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KOLKATA
41	CR-433	CND6350NHT	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	BARH
42	CR-434	CND6350NDT	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	BRBCL - NABINAGAR
43	CR-435	CND6340P5T	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	NAMRUP
44	CR-437	CND6350VGJ	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	KORBA WEST
45	CR-446	CND6350VDZ	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	BOKARO-A
46	CR-638	CNU8072HSC	LAPTOP	LAPTOP NX6320	HP	KODERMA
47	CR-639	CNU8072H2T	LAPTOP	LAPTOP NX6320	HP	PATRATU
48	CR-640	CNU8072HOT	LAPTOP	LAPTOP NX6320	HP	OIL DULIAJAN ASSAM
49	CR-641	CNU8072HL3	LAPTOP	LAPTOP NX6320	HP	BCPL-LEPETKETA
50	CR-642	CNU8072HK2	LAPTOP	LAPTOP NX6320	HP	SANTALDIH
51	CR-643	CNU8072HQG	LAPTOP	LAPTOP NX6320	HP	OIL DULIAJAN ASSAM
52	CR-644	CNU8072H9M	LAPTOP	LAPTOP NX6320	HP	KOLKATA
53	CR-645	CNU8072HGZ	LAPTOP	LAPTOP NX6320	HP	KOLKATA
54	CR-646	CNU8072GZ9	LAPTOP	LAPTOP NX6320	HP	BARH
55	CR-647	CNU8072HQ5	LAPTOP	LAPTOP NX6320	HP	KOLKATA
56	CR-648	CNU8072HPG	LAPTOP	LAPTOP NX6320	HP	KOLKATA
57	CR-649	CNU8072HSN	LAPTOP	LAPTOP NX6320	HP	BOKARO-A
58	CR-650	CNU8072HLZ	LAPTOP	LAPTOP NX6320	HP	KOLKATA
59	CR-651	CNU8072HH6	LAPTOP	LAPTOP NX6320	HP	KAMENG (NEEPCO)
60	CR-652	CNU8072H19	LAPTOP	LAPTOP NX6320	HP	SINGARENI COLLIERIES TPS
61	CR-653	CNU8072GXC	LAPTOP	LAPTOP NX6320	HP	TURIAL HEP
62	CR-654	CNU8072HLW	LAPTOP	LAPTOP NX6320	HP	SINGARENI COLLIERIES TPS
63	CR-655	CNU82542ZJ	LAPTOP	LAPTOP NX6320	HP	KOLKATA
64	CR-656	INA237PBM5	LAPTOP	LAPTOP NX6320	HP	IB VALLEY
65	CR-657	CNU8072HL4	LAPTOP	LAPTOP NX6320	HP	NORTH KARANPURA
66	CR-658	CNU8072HHQ	LAPTOP	LAPTOP NX6320	HP	SURATGARH TPS
67	CR-659	INA237PGH7	LAPTOP	LAPTOP NX6320	HP	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - LAPTOP****ANNEXURE - II (LAPTOP)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
68	CR-660	CNU8072HP1	LAPTOP	LAPTOP NX6320	HP	SINGARENI COLLIERIES TPS
69	CR-662	CNU8072HOW	LAPTOP	LAPTOP NX6320	HP	BCPL-LEPETKETA
70	CR-663	CNU8072HSH	LAPTOP	LAPTOP NX6320	HP	KOLKATA
71	CR-664	CNU8072HRP	LAPTOP	LAPTOP NX6320	HP	KOLKATA
72	CR-665	CNU8072HJZ	LAPTOP	LAPTOP NX6320	HP	PALATONA
73	CR-666	CNU8072HSY	LAPTOP	LAPTOP NX6320	HP	KOLKATA
74	CR-667	CNU8072HMT	LAPTOP	LAPTOP NX6320	HP	SINGARENI COLLIERIES TPS
75	CR-668	INA237PBMS	LAPTOP	LAPTOP NX6320	HP	KOLKATA
76	CR-669	CNU8072H29	LAPTOP	LAPTOP NX6320	HP	NAMRUP
77	CR-670	CNU8072GV3	LAPTOP	LAPTOP NX6320	HP	KOLKATA
78	CR-671	CNU8072HGR	LAPTOP	LAPTOP NX6320	HP	PALATONA
79	CR-672	CNU8072HQY	LAPTOP	LAPTOP NX6320	HP	DURGAPUR (DSTPS)
80	CR-674	CNU8072HN8	LAPTOP	LAPTOP NX6320	HP	BARH
81	CR-675	INA237PF9S	LAPTOP	LAPTOP NX6320	HP	KOLKATA
82	CR-676	CNU8072HR7	LAPTOP	LAPTOP NX6320	HP	ABHIJIT TPS
83	CR-677	CNU8072HHL	LAPTOP	LAPTOP NX6320	HP	SANTALDIH
84	CR-678	CNU8072HH3	LAPTOP	LAPTOP NX6320	HP	SINGARENI COLLIERIES TPS
85	CR-679	CND74018GY	LAPTOP	LAPTOP NX6320	HP	KOLKATA
86	CR-680	CNU8072H24	LAPTOP	LAPTOP NX6320	HP	KOLKATA
87	CR-681	CNU8072HRD	LAPTOP	LAPTOP NX6320	HP	SANTALDIH
88	CR-682	CNU8072HHY	LAPTOP	LAPTOP NX6320	HP	KOLKATA
89	CR-683	CNU8072HQM	LAPTOP	LAPTOP NX6320	HP	KAMENG (NEEPCO)
90	CR-684	CNU8072HTG	LAPTOP	LAPTOP NX6320	HP	KOLKATA
91	CR-685	CNU8072HPF	LAPTOP	LAPTOP NX6320	HP	KODERMA
92	CR-686	CNU8072HRH	LAPTOP	LAPTOP NX6320	HP	KODERMA
93	CR-687	CNU8072HQR	LAPTOP	LAPTOP NX6320	HP	KOLKATA
94	CR-688	CNU8072HNR	LAPTOP	LAPTOP NX6320	HP	KOLKATA
95	CR-689	CNU8072GYJ	LAPTOP	LAPTOP NX6320	HP	MTTP - KANTI
96	CR-690	CNU8072HHH	LAPTOP	LAPTOP NX6320	HP	PATNA
97	CR-691	CNU8072HPL	LAPTOP	LAPTOP NX6320	HP	VIZAG
98	CR-692	CNU8072HKG	LAPTOP	LAPTOP NX6320	HP	TEESTA
99	CR-693	CNF8063NFX	LAPTOP	LAPTOP NC2400 SPECIAL LIGHT WEIGHT	HP	BARAUNI EPC
100	CR-694	CNF8063NFW	LAPTOP	LAPTOP NC2400 SPECIAL LIGHT WEIGHT	HP	NAMRUP
101	CR-695	CNF8063NFZ	LAPTOP	LAPTOP NC2400 SPECIAL LIGHT WEIGHT	HP	KOLKATA
102	CR-696	INA237PBLF	LAPTOP	LAPTOP HP PROBOOK HP 450	HP	KOLKATA
103	CR-697	CNF8063NGO	LAPTOP	LAPTOP NC2400 SPECIAL LIGHT WEIGHT	HP	KOLKATA
104	CR-971	D8BX4BS	LAPTOP	DELL LATITUDE E4300	DELL	KOLKATA
105	CR-972	F8BX4BS	LAPTOP	DELL LATITUDE E4300	DELL	PUNATSANGCHU / ALIPURDUAR
106	CR-973	78BX4BS	LAPTOP	DELL LATITUDE E4300	DELL	KOLKATA
107	CR-974	88BX4BS	LAPTOP	DELL LATITUDE E4300	DELL	KOLKATA
108	CR-975	58BX4BS	LAPTOP	DELL LATITUDE E4300	DELL	KOLKATA
109	CR-976	98BX4BS	LAPTOP	DELL LATITUDE E4300	DELL	KOLKATA
110	CR-977	C8BX4BS	LAPTOP	DELL LATITUDE E4300	DELL	KORBA WEST
111	CR-978	68BX4BS	LAPTOP	DELL LATITUDE E4300	DELL	BRBCL - NABINAGAR
112	CR-979	B8BX4BS	LAPTOP	DELL LATITUDE E4300	DELL	PUNATSANGCHU / ALIPURDUAR
113	CR-1270	LR-4BNFG	LAPTOP	LENOVO THINKPAD L420	LENEVO	KOLKATA
114	CR-1271	LR-4BNCX	LAPTOP	LENOVO THINKPAD L420	LENEVO	BARAUNI EPC
115	CR-1272	LR-4BNFK	LAPTOP	LENOVO THINKPAD L420	LENEVO	IB VALLEY
116	CR-1273	LR-4BNHX	LAPTOP	LENOVO THINKPAD L420	LENEVO	KOLKATA
117	CR-1274	LR-4BNKP	LAPTOP	LENOVO THINKPAD L420	LENEVO	PUNATSANGCHU / ALIPURDUAR
118	NA	LXTQHOC00983 50FD162000	Laptop	Computer	Acer	TRICHY CELL
119	NA	LXTQHOC00983 50FCE62000	Laptop	Computer	Acer	TRICHY CELL
120	NA	WX91A20T5768	Laptop	Computer	Dell	TRICHY CELL

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PC**

ANNEXURE - II (PC)

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	CR-365	INI6300C3K	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	KOLKATA
2	CR-366	INI6300C44	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	KOLKATA
3	CR-367	INI6300C48	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	KOLKATA
4	CR-368	INI6300BMT	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	KOLKATA
5	CR-369	INI6300C5V	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	KOLKATA
6	CR-370	INI6300C1J	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	KOLKATA
7	CR-371	INI6300BTR	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	PALATONA
8	CR-419	INI63803JO	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	MUZAF PUR
9	CR-420	INI63803JD	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	KOLKATA
10	CR-421	INI63803QJX	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	BARAUNI EPC
11	CR-422	INI63803K7	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	KOLKATA
12	CR-423	INI6330N7N	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	KOLKATA
13	CR-429	INI6330NFH	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	SINGARENI COLLIERIES TPS
14	CR-431	INI63803L1	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	KORBA WEST
15	CR-432	INI6330NF3	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	SINGARENI COLLIERIES TPS
16	CR-438	INI63803L2	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	BCPL-LEPETKETA
17	CR-439	INI6330NFP	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	BCPL-LEPETKETA
18	CR-440	INI63803L4	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	BCPL-LEPETKETA
19	CR-441	INI63803JB	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	BCPL-LEPETKETA
20	CR-442	INI6330N8W	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	BCPL-LEPETKETA
21	CR-443	INI6330NBB	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	KORBA WEST
22	CR-444	INI6330NFT	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	NPGL - NABINAGAR
23	CR-445	INI6330N6M	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	SINGARENI COLLIERIES TPS
24	CR-448	INI6300C2N	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	KOLKATA
25	CR-449	INI6300COG	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	KOLKATA
26	CR-450	INI6300BJ2	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	PATNA
27	CR-451	INI6300BL7	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	PATNA
28	CR-452	INI6300CNK	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	PATNA
29	CR-453	INI6300BTH	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	PATNA
30	CR-455	SGH70707M9	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	OIL DULIAJAN ASSAM
31	CR-456	SGH70707MB	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KOLKATA
32	CR-457	SGH70707MC	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BOKARO-A
33	CR-458	SGH70707MD	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	MTPP - KANTI
34	CR-459	SGH70707MF	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	PATNA
35	CR-460	SGH70707MG	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	PARADIP (IOCL)
36	CR-461	SGH70707MH	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BOKARO-A
37	CR-462	SGH70707MJ	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	PATNA
38	CR-463	SGH70707MK	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SINGARENI COLLIERIES TPS
39	CR-464	SGH70707ML	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	OIL DULIAJAN ASSAM
40	CR-465	SGH70707MM	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BARAUNI EPC
41	CR-466	SGH70707MP	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SINGARENI COLLIERIES TPS
42	CR-467	SGH70707MN	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KOLKATA
43	CR-469	SGH70707MR	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	MTPP - KANTI
44	CR-471	INI6330N7Z	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KAMENG (NEEPCO)
45	CR-472	INI6330B11	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BOKARO-A
46	CR-473	INI6330N6H	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KAMENG (NEEPCO)
47	CR-474	INI6330380	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KAMENG (NEEPCO)
48	CR-475	INI6330N7T	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KAMENG (NEEPCO)
49	CR-476	INI6300BJ2	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	DURGAPUR (DPL)
50	CR-477	INI6330NDF	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	MUZAF PUR
51	CR-478	INI6330NBD	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KOLKATA
52	CR-479	INI6330NCR	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SANTALDIH
53	CR-480	INI6330NVC	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KOLKATA
54	CR-481	INI6300BMG	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	DURGAPUR (DPL)
55	CR-482	INI6300C47	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	DURGAPUR (DPL)
56	CR-483	INI6300C13	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	MEJIA
57	CR-485	INI6300C40	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KOLKATA
58	CR-486	INI6330N6V	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BRBCL - NABINAGAR
59	CR-487	INI63803K1	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	LAKWA
60	CR-488	INI6330NCN	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	TEESTA
61	CR-489	INI6330NCQ	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	TEESTA
62	CR-490	INI6330NFC	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	TEESTA
63	CR-491	INI6330NF1	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KAMENG (NEEPCO)
64	CR-492	INI6330N90	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KAMENG (NEEPCO)
65	CR-493	INI6330B8X	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BOKARO-A
66	CR-494	INI63803J5	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BARAUNI-TPS
67	CR-495	INI63803K9	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BARAUNI-TPS
68	CR-496	INI6300BTH	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	MARWA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PC**

ANNEXURE - II (PC)

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
69	CR-497	INI6330N65	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KOLKATA
70	CR-498	INI6330NCK	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KOLKATA
71	CR-499	INI6330NCL	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SAGARDIGHI WBPDC
72	CR-500	INI6330N69	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KOLKATA
73	CR-501	INI6330NDG	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SAGARDIGHI WBPDC
74	CR-502	INI6330NDY	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SAGARDIGHI WBPDC
75	CR-503	INI6330N8V	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SAGARDIGHI WBPDC
76	CR-504	INI6330NCV	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SAGARDIGHI WBPDC
77	CR-505	INI6330NFO	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SAGARDIGHI WBPDC
78	CR-506	INI6330NDW	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SAGARDIGHI WBPDC
79	CR-507	INI6330NCT	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SAGARDIGHI WBPDC
80	CR-508	INI6330N6G	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KOLKATA
81	CR-509	INI6330NCX	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BARAUNI EPC
82	CR-510	INI6330N64	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	NTPC-BONGAIGAON
83	CR-511	INI6330N6P	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BARH
84	CR-512	INI6330N6X	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KOLKATA
85	CR-513	INI6330NCF	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	NAMRUP
86	CR-514	INI6330NDH	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	KOLKATA
87	CR-515	INI6330N8S	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BARH
88	CR-516	INI6330NFQ	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BARH
89	CR-517	INI6330NCM	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SANTALDIH
90	CR-518	INI6330NDT	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	PARADIP (IOCL)
91	CR-519	INI6330NCG	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SANTALDIH
92	CR-520	INI6330N83	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	VIZAG HNPCL
93	CR-521	INI6330NCZ	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	SANTALDIH
94	CR-522	INI6330NDK	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	VIZAG HNPCL
95	CR-523	INI6330NDR	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BRBCL - NABINAGAR
96	CR-524	INI6330NCJ	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	VIZAG HNPCL
97	CR-526	INA811072B	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MTPP - KANTI
98	CR-527	INA81107GY	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
99	CR-528	INA811076K	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
100	CR-529	INA81107HO	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
101	CR-530	INA81107JX	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
102	CR-531	INA8110HB2	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
103	CR-532	INA8116HD5	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
104	CR-533	INA8110HGM	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
105	CR-534	INA8110HDG	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
106	CR-535	INA8110H5K	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
107	CR-536	INA8110H43	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARAUNI EPC
108	CR-537	INA8110H2C	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
109	CR-538	INA8110H7S	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
110	CR-539	INA8110HDK	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
111	CR-540	INA81107L0	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
112	CR-541	INA8110H2C	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
113	CR-542	INA81107JM	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
114	CR-543	INA8110HCK	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
115	CR-544	INA8110HB1	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
116	CR-545	INA81107HL	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
117	CR-546	IA81107C0	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
118	CR-547	INA8110HF3	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
119	CR-548	INA8110HG8	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
120	CR-549	INA8110HB8	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
121	CR-550	INA8110HGR	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
122	CR-551	INA8110717	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
123	CR-552	INA8110HCL	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
124	CR-553	INA81106TL	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
125	CR-554	INA8110HFV	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
126	CR-555	INA8110H38	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
127	CR-556	INA8110HBK	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NPGL - NABINAGAR
128	CR-557	INA8110H42	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
129	CR-558	INA8110HGL	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
130	CR-559	INA81107GL	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
131	CR-560	INA8110H53	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NAMRUP
132	CR-561	INA8110H2W	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
133	CR-562	INA8110HGK	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
134	CR-563	INA8110H9W	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
135	CR-564	INA81107CJ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
136	CR-565	INA8110H44	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PC**

ANNEXURE - II (PC)

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
137	CR-566	INA811OH6V	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
138	CR-567	INA811OH41	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
139	CR-568	INA81107H7	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SURATGARH TPS
140	CR-569	INA811OH4V	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
141	CR-570	INA81106T8	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
142	CR-571	INA811OHGD	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
143	CR-572	INA811OH4C	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
144	CR-573	INA811OHFY	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	IPCL HALDIA
145	CR-574	INA811OD8T	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
146	CR-575	INA811OD4Z	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
147	CR-576	INA8110D89	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
148	CR-577	INA81107FM	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	DURGAPUR (DSTPS)
149	CR-578	INA81107B9	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
150	CR-579	INA8110H33	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
151	CR-580	INA8110H3H	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
152	CR-581	INA811OHDV	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SINGARENI COLLIERIES TPS
153	CR-582	INA8110773	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
154	CR-583	INA811OHFL	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
155	CR-584	INA8116HD5	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
156	CR-585	INA811OHFW	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
157	CR-586	INA811OH6C	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
158	CR-587	INA81107K6	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
159	CR-588	INA811OHF8	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
160	CR-589	INA811OH CJ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
161	CR-590	INA811OHCC	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
162	CR-591	INA811OHF2	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
163	CR-592	INA811OH3J	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	DURGAPUR (DPL)
164	CR-593	INA811OH5G	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
165	CR-594	INA81106Z	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
166	CR-595	INA811OH48	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
167	CR-596	INA811OH8P	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
168	CR-597	INA811OHG6	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
169	CR-598	INA811OH3Y	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
170	CR-599	INA811OH BX	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
171	CR-600	INA811OH7G	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BOKARO-A
172	CR-601	INA811076S	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
173	CR-602	INA811078Y	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
174	CR-603	INA81108B1	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
175	CR-604	INA811OH6M	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
176	CR-605	INA8110HH6	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
177	CR-606	INA81107HN	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
178	CR-607	INA811OHCD	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
179	CR-608	INA8110784	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
180	CR-609	INA811OH9J	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
181	CR-610	INA811OHCH	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
182	CR-611	INA811OH90	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
183	CR-612	INA8110761	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
184	CR-613	INA811OH2Z	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
185	CR-614	INA811OHG9	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
186	CR-615	INA811OHFS	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
187	CR-616	INA811OH8P	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
188	CR-617	INA811OH3M	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
189	CR-618	INA811OH CN	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
190	CR-619	INA811OH8R	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
191	CR-620	INA811OH CN	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
192	CR-621	INA811OH DN	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
193	CR-622	INA811OH6X	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
194	CR-623	INA811OH61	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
195	CR-624	INA811OHFD	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
196	CR-625	INA811OH3K	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
197	CR-626	INA811OH9K	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
198	CR-627	INA811079H	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SURATGARH TPS
199	CR-628	INA81107BF	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
200	CR-629	INA811OHGY	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
201	CR-630	INA811OH CM	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
202	CR-631	INA811OH5B	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
203	CR-632	INA81106X0	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
204	CR-633	INA811OH C3	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PC**

ANNEXURE - II (PC)

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
205	CR-634	INA8110HFB	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
206	CR-635	INA8110H3D	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
207	CR-636	INA8110H5Q	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
208	CR-637	INA80800S4	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
209	CR-700	INA8110740	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SURATGARH TPS
210	CR-701	INA81106TR	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MARWA
211	CR-702	INA81106SR	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BCPL-LEPETKETA
212	CR-703	INA81106SV	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
213	CR-704	INA81106YC	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	DURGAPUR (DPL)
214	CR-705	INA81106ZR	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
215	CR-706	INA8110758	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MARWA
216	CR-707	INA8110732	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MARWA
217	CR-708	INA81106YK	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	DURGAPUR (DPL)
218	CR-709	INA81106T2	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	DURGAPUR (DPL)
219	CR-710	INA81106WN	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MARWA
220	CR-711	INA81106WP	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	DURGAPUR (DPL)
221	CR-712	INA81106VF	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	ADHUNIK TPS
222	CR-720	INA8110H5Y	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
223	CR-721	INA80800RY	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
224	CR-722	INA80800SQ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
225	CR-723	INA8170529	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BOKARO-A
226	CR-724	INA80800S1	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
227	CR-725	INA80800SC	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
228	CR-726	INA8330326	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
229	CR-727	INA80800SS	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NORTH KARANPURA
230	CR-728	INA8250VHP	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
231	CR-729	INA84904YJ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KORBA WEST
232	CR-730	INA81107IV	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SAGARDIGHI WBPDC
233	CR-731	INA8110H2X	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MUZAF PUR
234	CR-732	INA8110H5L	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARAUNI-IOC
235	CR-733	INA8110D58	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
236	CR-734	INA8110HH2	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARH
237	CR-735	INA81107WL	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
238	CR-736	INA80800RS	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NABINAGAR BRBCL
239	CR-737	INA8250VHL	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
240	CR-738	INA8250VHK	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
241	CR-739	INA8240CZN	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BOKARO-A
242	CR-740	INA817051M	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
243	CR-741	INA8250VHM	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
244	CR-742	INA8110823	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARH
245	CR-743	INA80800R2	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NABINAGAR BRBCL
246	CR-744	INA81704XB	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
247	CR-745	INA8250VHY	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARH
248	CR-746	INA8250VHR	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARAUNI EPC
249	CR-747	INA8250VHV	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MTPP - KANTI
250	CR-748	INA8110869	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARAUNI EPC
251	CR-749	INA8250VHS	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARH
252	CR-750	INA80800V1	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SINGARENI COLLIERIES TPS
253	CR-751	INA80800S6	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BOKARO-A
254	CR-752	INA80800T4	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BOKARO-A
255	CR-753	INA81704Y6	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BOKARO-A
256	CR-754	INA81108DF	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NAMRUP
257	CR-755	INA811085V	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
258	CR-756	INA81704ZR	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
259	CR-757	INA80800PS	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
260	CR-758	INA80800NH	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
261	CR-759	INA8170511	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	PALATONA
262	CR-760	INA8250VHT	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
263	CR-761	INA8250VHZ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
264	CR-762	INA8250VHW	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
265	CR-763	INA817052V	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	DURGAPUR (DPL)
266	CR-764	INA80800NR	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
267	CR-765	INA80800TZ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SURATGARH TPS
268	CR-766	INA84904YR	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	CHANDRAPURA
269	CR-767	INA80800V7	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SANTALDIH
270	CR-768	INA817052Y	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
271	CR-769	INA80800T1	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
272	CR-770	INA8250VHJ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MARWA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PC**

ANNEXURE - II (PC)

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
273	CR-771	INA8250VHX	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BOKARO-A
274	CR-772	INA817050G	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BOKARO-A
275	CR-773	INA833032V	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
276	CR-774	INA81704ZW	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
277	CR-777	INA81108B2	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
278	CR-778	INA81108CG	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MTPP - KANTI
279	CR-779	INA811082M	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MTPP - KANTI
280	CR-780	INA81108CF	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SINGARENI COLLIERIES TPS
281	CR-781	INA8110718	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BOKARO-A
282	CR-782	INA811074Z	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
283	CR-783	INA81106VX	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
284	CR-784	INA81106WV	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
285	CR-785	INA8110731	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
286	CR-786	INA811072V	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
287	CR-787	INA811071Z	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
288	CR-788	INA811072Q	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
289	CR-789	INA81106TG	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
290	CR-790	INA811074W	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
291	CR-791	INA80800TL	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BOKARO-A
292	CR-792	INA80800N8	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
293	CR-793	INA80800VQ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
294	CR-794	INA80800SV	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
295	CR-795	INA80800RQ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
296	CR-796	INA80800PH	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
297	CR-797	INA80800VN	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
298	CR-798	INA80800TV	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
299	CR-799	INA80800VV	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
300	CR-800	INA80800T2	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KODERMA
301	CR-801	INA811080Q	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARAUNI EPC
302	CR-802	INA81107NH	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
303	CR-803	INA81108CW	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARAUNI EPC
304	CR-804	INA81107YY	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MTPP - KANTI
305	CR-805	INA81107M2	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MTPP - KANTI
306	CR-806	INA81108BZ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NORTH KARANPURA
307	CR-807	INA8110860	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	PARADIP (IOCL)
308	CR-808	INA81107NZ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARAUNI EPC
309	CR-809	INA811080K	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SINGARENI COLLIERIES TPS
310	CR-810	INA81108DD	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SINGARENI COLLIERIES TPS
311	CR-811	INA81106ZB	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	PARADIP (IOCL)
312	CR-812	INA811073C	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	PARADIP (IOCL)
313	CR-813	INA81106WJ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MEJIA
314	CR-814	INA81106XQ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SURATGARH TPS
315	CR-815	INA81106W3	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARH
316	CR-816	INA81106ZY	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
317	CR-817	INA81106Y2	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	VIZAG HNPCL
318	CR-818	INA81106Y3	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SAGARDIGHI WBPDCCL
319	CR-819	INA811073D	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SAGARDIGHI WBPDCCL
320	CR-820	INA8110746	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	VIZAG HNPCL
321	CR-821	INA81108D6	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SANTALDIH
322	CR-822	INA8110898	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SANTALDIH
323	CR-823	INA811088W	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SINGARENI COLLIERIES TPS
324	CR-824	INA811084M	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	VIZAG HNPCL
325	CR-825	INA81108BY	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SANTALDIH
326	CR-826	INA811083G	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SANTALDIH
327	CR-832	INA8240CV2	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	IISCO - BURNPUR
328	CR-833	INA8110HB4	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
329	CR-834	INA8110HB5	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KOLKATA
330	CR-835	INA822001NZ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NABINAGAR BRBCL
331	CR-836	INA80800NF	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SURATGARH TPS
332	CR-837	INA80800VR	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SURATGARH TPS
333	CR-838	INA80800P4	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	IISCO - BURNPUR
334	CR-839	INA8110726	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SAGARDIGHI WBPDCCL
335	CR-840	INA81107MJ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SAGARDIGHI WBPDCCL
336	CR-841	INA81107N4	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SAGARDIGHI WBPDCCL
337	CR-842	INA8110804	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SAGARDIGHI WBPDCCL
338	CR-843	INA81107NJ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	DURGAPUR (DSTPS)
339	CR-844	INA81107YJ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	DURGAPUR (DSTPS)
340	CR-845	INA81107Z9	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	DURGAPUR (DSTPS)

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PC**

ANNEXURE - II (PC)

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
341	CR-846	INA8110807	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	PARADIP (IOCL)
342	CR-847	INA81107MO	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SAGARDIGHI WBPDCL
343	CR-848	INA81107W4	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SAGARDIGHI WBPDCL
344	CR-849	INA84904YH	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	KORBA WEST
345	CR-850	INA84904YL	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MARWA
346	CR-851	INA84904YK	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MARWA
347	CR-852	INA84904YQ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SINGARENI COLLIERIES TPS
348	CR-853	INA81704XQ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	DURGAPUR (DSTPS)
349	CR-854	INA84904YN	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MARWA
350	CR-855	INA84904YP	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MARWA
351	CR-856	INA8250VHQ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NABINAGAR BRBCL
352	CR-857	INA84904YM	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NABINAGAR BRBCL
353	CR-858	INA8250VHD	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARH
354	CR-859	INA8250VHF	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARH
355	CR-860	INA8110H3F	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MUZAF PUR
356	CR-861	INA8250VHG	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MUZAF PUR
357	CR-862	INA8250VHH	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BARAUNI-TPS
358	CR-863	INA811088D	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SAGARDIGHI WBPDCL
359	CR-864	INA82201QR	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	VIZAG HNPCL
360	CR-865	INA811089W	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NABINAGAR BRBCL
361	CR-866	INA811086M	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SAGARDIGHI WBPDCL
362	CR-867	INA8110H45	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MTPP - KANTI
363	CR-868	INA81108DH	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	MTPP - KANTI
364	CR-869	INA8240CYR	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SINGARENI COLLIERIES TPS
365	CR-870	INA8170504	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SAGARDIGHI WBPDCL
366	CR-871	INA8110D4H	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	PARADIP (IOCL)
367	CR-872	INA8110806	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SINGARENI COLLIERIES TPS
368	CR-873	INA8240CWF	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SURATGARH TPS
369	CR-874	INA8110835	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	IISCO - BURNPUR
370	CR-875	INA81704X7	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	IISCO - BURNPUR
371	CR-876	INA811087N	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	IISCO - BURNPUR
372	CR-877	INA81108C3	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	IISCO - BURNPUR
373	CR-878	INA81106Y5	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BCPL-LEPETKETA
374	CR-879	INA81106WF	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BCPL-LEPETKETA
375	CR-880	INA81106ZK	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BCPL-LEPETKETA
376	CR-881	INA811074F	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BCPL-LEPETKETA
377	CR-882	INA81107X6	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NTPC-BONGAIGAON
378	CR-883	INA80800QQ	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NTPC-BONGAIGAON
379	CR-884	INA81704XH	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NTPC-BONGAIGAON
380	CR-885	INA81107RM	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NTPC-BONGAIGAON
381	CR-886	INA8110863	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NTPC-BONGAIGAON
382	CR-887	INA80800Q9	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NTPC-BONGAIGAON
383	CR-888	INA81107R5	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NTPC-BONGAIGAON
384	CR-889	INA8110702	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NTPC-BONGAIGAON
385	CR-890	INA8110893	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NTPC-BONGAIGAON
386	CR-891	INA8110890	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NTPC-BONGAIGAON
387	CR-892	INA811088Y	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NTPC-BONGAIGAON
388	CR-893	INA81108DP	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NTPC-BONGAIGAON
389	CR-894	INA8110877	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NTPC-BONGAIGAON
390	CR-895	INA811075T	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	BCPL-LEPETKETA
391	CR-896	INA8110859	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NUMALIGARH
392	CR-897	INA82201NP	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	SURATGARH TPS
393	CR-898	1106AA084573	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
394	CR-899	C096AA082700	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
395	CR-900	1106AA084574	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
396	CR-901	1106AA089582	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
397	CR-902	1106AA089583	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
398	CR-903	1106AA089652	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
399	CR-904	1106AA084469	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
400	CR-905	1106AA084562	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
401	CR-906	1106AA089624	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
402	CR-907	1106AA089584	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
403	CR-908	1106AA084470	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NPGL - NABINAGAR
404	CR-909	1106AA084559	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
405	CR-910	1106AA084553	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
406	CR-911	1106AA089585	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
407	CR-912	C096AA082699	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
408	CR-913	1106AA084524	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PC**

ANNEXURE - II (PC)

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
409	CR-914	1106AA089613	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
410	CR-915	1106AA089600	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
411	CR-916	1106AA084549	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
412	CR-917	1106AA089646	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
413	CR-918	1106AA084560	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
414	CR-919	1106AA089587	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KODERMA
415	CR-920	1106AA084545	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	IPCL HALDIA
416	CR-921	1106AA084568	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
417	CR-922	1106AA089125	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
418	CR-923	1106AA089605	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
419	CR-924	1106AA089633	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
420	CR-925	1106AA084536	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
421	CR-926	1106AA084532	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
422	CR-927	1106AA089607	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
423	CR-928	1106AA084535	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BRBCL - NABINAGAR
424	CR-929	1106AA089606	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PARADIP (IOCL)
425	CR-930	1106AA089628	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
426	CR-931	1106AA084527	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
427	CR-932	1106AA089620	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
428	CR-933	1106AA089597	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
429	CR-934	1106AA089614	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
430	CR-935	1106AA089580	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
431	CR-936	1106AA089627	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
432	CR-937	1106AA084540	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
433	CR-938	1106AA089125	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
434	CR-939	1106AA089616	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
435	CR-940	1106AA084548	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PARADIP (IOCL)
436	CR-941	1106AA089577	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
437	CR-942	1106AA089601	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DSTPS)
438	CR-943	1106AA089572	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DSTPS)
439	CR-944	1106AA089575	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DPL)
440	CR-945	1106AA089623	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DSTPS)
441	CR-946	1106AA083050	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DSTPS)
442	CR-947	1106AA084567	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DSTPS)
443	CR-948	1106AA089612	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DSTPS)
444	CR-949	C096AA083035	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DPL)
445	CR-950	1106AA089635	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SAGARDIGHI WBPDCCL
446	CR-951	1106AA084556	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DPL)
447	CR-952	1106AA084576	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NPGL - NABINAGAR
448	CR-953	1106AA084550	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DSTPS)
449	CR-954	1106AA089621	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SURATGARH TPS
450	CR-955	1106AA089641	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DPL)
451	CR-956	1106AA084544	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SAGARDIGHI WBPDCCL
452	CR-957	1106AA084534	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DPL)
453	CR-958	1106AA089622	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
454	CR-959	1106AA089648	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DPL)
455	CR-960	1106AA084522	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MEJIA
456	CR-961	1106AA084578	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SAGARDIGHI WBPDCCL
457	CR-962	1106AA089610	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DPL)
458	CR-963	1106AA089602	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MEJIA
459	CR-964	1106AA089617	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MEJIA
460	CR-965	1106AA084570	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DPL)
461	CR-966	1106AA084546	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MEJIA
462	CR-968	1106AA089586	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MEJIA
463	CR-969	1106AA084537	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	DURGAPUR (DPL)
464	CR-988	1106AA084557	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NTPC-BONGAIGAON
465	CR-989	1106AA089574	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NTPC-BONGAIGAON
466	CR-990	1106AA084572	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NTPC-BONGAIGAON
467	CR-991	1106AA089126	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NTPC-BONGAIGAON
468	CR-992	1106AA084543	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NTPC-BONGAIGAON
469	CR-993	1106AA084539	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NTPC-BONGAIGAON
470	CR-994	1106AA084580	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NTPC-BONGAIGAON
471	CR-995	1106AA089610	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NTPC-BONGAIGAON
472	CR-996	1106AA084531	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NTPC-BONGAIGAON
473	CR-997	1106AA084523	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARAUNI EPC
474	CR-998	1106AA089639	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
475	CR-999	1106AA084528	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BOKARO-A
476	CR-1000	1106AA084575	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PC**

ANNEXURE - II (PC)

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
477	CR-1001	1106AA084525	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SURATGARH TPS
478	CR-1002	1106AA089636	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SINGARENI COLLIERIES TPS
479	CR-1003	1106AA089603	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NORTH KARANPURA
480	CR-1004	1106AA089590	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	IISCO - BURNPUR
481	CR-1005	1106AA084530	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	IISCO - BURNPUR
482	CR-1006	1106AA089581	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	IISCO - BURNPUR
483	CR-1007	1106AA089123	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	IISCO - BURNPUR
484	CR-1008	1106AA084547	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	IISCO - BURNPUR
485	CR-1009	1106AA089640	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	IISCO - BURNPUR
486	CR-1010	1106AA084526	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	IISCO - BURNPUR
487	CR-1011	1106AA084551	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
488	CR-1012	1106AA084565	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
489	CR-1013	1106AA089634	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
490	CR-1014	1106AA084569	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
491	CR-1015	C096AA082698	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
492	CR-1016	1106AA089619	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
493	CR-1017	1106AA089592	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
494	CR-1018	1106AA089608	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
495	CR-1019	1106AA084554	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
496	CR-1020	1106AA089124	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
497	CR-1021	1106AA084468	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
498	CR-1022	1106AA089589	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PALATONA
499	CR-1023	1106AA084555	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PALATONA
500	CR-1024	1106AA083033	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PALATONA
501	CR-1025	1106AA089609	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PALATONA
502	CR-1026	1106AA084552	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PALATONA
503	CR-1027	1106AA089647	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PALATONA
504	CR-1028	1106AA089593	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PALATONA
505	CR-1029	1106AA084558	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PALATONA
506	CR-1030	1106AA089642	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PALATONA
507	CR-1031	1106AA089654	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PALATONA
508	CR-1032	1106AA089127	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PALATONA
509	CR-1033	1106AA089644	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	PALATONA
510	CR-1034	1106AA089653	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KODERMA
511	CR-1035	1106AA084563	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KODERMA
512	CR-1036	1106AA089645	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KODERMA
513	CR-1037	1106AA084541	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KODERMA
514	CR-1038	1106AA089638	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KODERMA
515	CR-1039	1106AA084564	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KODERMA
516	CR-1040	1106AA089588	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KODERMA
517	CR-1041	1106AA089573	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KODERMA
518	CR-1042	1106AA089595	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KODERMA
519	CR-1043	1106AA089130	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KODERMA
520	CR-1044	1106AA089611	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
521	CR-1045	1106AA084542	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
522	CR-1046	1106AA084571	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
523	CR-1047	1106AA089630	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
524	CR-1048	1106AA089599	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
525	CR-1049	1106AA089631	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
526	CR-1050	1106AA089576	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
527	CR-1051	1106AA089604	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
528	CR-1052	1106AA089129	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
529	CR-1053	1106AA089632	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
530	CR-1054	1106AA089594	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
531	CR-1055	1106AA089650	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SINGARENI COLLIERIES TPS
532	CR-1056	1106AA084529	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SINGARENI COLLIERIES TPS
533	CR-1057	1106AA084566	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NPGL - NABINAGAR
534	CR-1058	1106AA089651	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KORBA WEST
535	CR-1059	1106AA084538	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KORBA WEST
536	CR-1060	1106AA089625	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SINGARENI COLLIERIES TPS
537	CR-1061	1106AA084577	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KORBA WEST
538	CR-1062	1106AA089649	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KORBA WEST
539	CR-1063	1106AA084533	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SINGARENI COLLIERIES TPS
540	CR-1064	1106AA089591	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
541	CR-1065	1106AA084581	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KORBA WEST
542	CR-1066	C096AA083034	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KORBA WEST
543	CR-1067	C096AA082697	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KORBA WEST
544	CR-1068	1106AA089596	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BOKARO-A

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PC**

ANNEXURE - II (PC)

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
545	CR-1069	1106AA084561	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BOKARO-A
546	CR-1070	1106AA089128	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BOKARO-A
547	CR-1071	1106AA089571	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BOKARO-A
548	CR-1072	1106AA089579	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BOKARO-A
549	CR-1073	1106AA082696	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BOKARO-A
550	CR-1074	1106AA089626	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BOKARO-A
551	CR-1075	1106AA089637	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BOKARO-A
552	CR-1076	1106AA084521	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BOKARO-A
553	CR-1077	1106AA084579	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BOKARO-A
554	CR-1078	1106AA089618	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	TEESTA
555	CR-1079	1106AA089629	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	TEESTA
556	CR-1082	4106AA135375	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
557	CR-1083	4106AA135380	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
558	CR-1084	4106AA135374	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
559	CR-1085	4106AA135382	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
560	CR-1086	4106AA135398	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
561	CR-1087	4106AA135391	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
562	CR-1088	4106AA135364	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
563	CR-1089	NA	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
564	CR-1090	4106AA0135410	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
565	CR-1091	4106AA135396	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
566	CR-1092	4106AA135394	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
567	CR-1093	4106AA135393	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
568	CR-1094	4106AA135386	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
569	CR-1095	4106AA135370	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
570	CR-1096	4106AA135406	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
571	CR-1097	4106AA135390	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
572	CR-1098	4106AA135407	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
573	CR-1099	4106AA135368	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
574	CR-1100	4106AA135367	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
575	CR-1101	4106AA135366	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
576	CR-1102	4106AA135404	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SAGARDIGHI WBPDC
577	CR-1104	4106AA135400	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KODERMA
578	CR-1105	4106AA135397	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SAGARDIGHI WBPDC
579	CR-1106	4106AA135369	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARAUNI EPC
580	CR-1107	4106AA135389	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SANTALDIH
581	CR-1108	4106AA135383	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SANTALDIH
582	CR-1109	4106AA135401	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	MARWA
583	CR-1110	4106AA135403	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
584	CR-1111	4106AA135373	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BARH
585	CR-1112	4106AA135379	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NTPC-BONGAIGAON
586	CR-1113	4106AA135387	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NORTH KARANPURA
587	CR-1114	4106AA135378	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	ABHIJIT TPS
588	CR-1115	4106AA135405	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NORTH KARANPURA
589	CR-1116	4106AA135362	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NTPC-BONGAIGAON
590	CR-1117	4106AA135399	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
591	CR-1118	4106AA135381	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
592	CR-1119	4106AA135408	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	ADHUNIK TPS
593	CR-1120	4106AA135360	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NPGL - NABINAGAR
594	CR-1121	4106AA135377	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	IPCL HALDIA
595	CR-1122	4106AA135384	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SAGARDIGHI WBPDC
596	CR-1123	4106AA135365	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SURATGARH TPS
597	CR-1124	4106AA135385	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NPGL - NABINAGAR
598	CR-1125	4106AA135363	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	LAKWA
599	CR-1126	4106AA135403	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	ADHUNIK TPS
600	CR-1127	4106AA135359	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	IPCL HALDIA
601	CR-1128	4106AA135392	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
602	CR-1129	4106AA135402	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SURATGARH TPS
603	CR-1130	4106AA135395	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	BCPL-LEPETKETA
604	CR-1131	4106AA135376	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SURATGARH TPS
605	CR-1132	4106AA135372	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NPGL - NABINAGAR
606	CR-1133	4106AA135388	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	KOLKATA
607	CR-1134	IN16300BOL	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BOKARO-A
608	CR-1135	IN16300B90	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BARAUNI EPC
609	CR-1136	IN16300B2Q	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BOKARO-A
610	CR-1137	IN16300B74	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	PARADIP (IOCL)
611	CR-1138	IN16300B5X	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BARAUNI EPC
612	CR-1139	IN16300BCB	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	OIL DULIAJAN ASSAM

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PC**

**ANNEXURE - II (PC)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
613	CR-1140	INI6300BM2	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	BOKARO-A
614	CR-1142	4106AA135371	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	SURATGARH TPS
615	NA	INI6330N8Y	PC	Computer	HP	TRICHY CELL
616	NA	INI6330N8Z	PC	HP Compaq	HP	SSBG-KOLKATA
617	NA	5106AA153633	PC	HCL	HP	SSBG-KOLKATA
618	NA	INI6330NBY	PC	HP Compaq	HP	SSBG-KOLKATA
619	NA	INI6330N7S	PC	HP Compaq	HP	SSBG-KOLKATA
620	NA	P102DYSZ0028	PC	HP COMPAQ	HP	SSBG-KOLKATA
621	NA	P212JWZ0689	PC	HP COMPAQ	HP	SSBG-KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PRINTER****ANNEXURE - II (PRINTER)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKER	LOCATION
1	PR-119	SGCGB51586	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2300 N	HP	BARAUNI EPC
2	PR-152	CNHJB53247	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2420 DN	HP	KOLKATA
3	PR-153	CNHJC59082	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2420 DN	HP	KOLKATA
4	PR-154	CNHKM21103	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2420 DN	HP	KOLKATA
5	PR-155	JPKJC20294	PRINTER	PRINTER COLOUR LASERJET A4 :HP LJ 4700 DN	HP	KOLKATA
6	PR-157	CNHJC42342	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2420 DN	HP	KORBA WEST
7	PR-158	CNSKM42399	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2420 DN	HP	BOKARO-A
8	PR-160	CN64BM2CN	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2420 DN	HP	KAMENG (NEEPCO)
9	PR-161	CN17NCQOPY	PRINTER	HP OFFICEJET PRO 8000 DN	HP	DVC TOWER
10	PR-168	CNHKH92400	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2420 DN	HP	SANTALDIH
11	PR-169	CNHKH92390	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2420 DN	HP	KOLKATA
12	PR-170	CNHKL44855	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2420 DN	HP	MTTP - KANTI
13	PR-171	CNHKL54199	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2420 DN	HP	SANTALDIH
14	PR-173	CNCJL23296	PRINTER	PRINTER LASERJET : P2015DN	HP	KOLKATA
15	PR-174	CNCJL19391	PRINTER	PRINTER LASERJET : P2015DN	HP	KOLKATA
16	PR-175	CNCJM22645	PRINTER	PRINTER LASERJET : P2015DN	HP	KOLKATA
17	PR-176	CNCJL21798	PRINTER	PRINTER LASERJET : P2015DN	HP	KOLKATA
18	PR-177	CNCJL23295	PRINTER	PRINTER LASERJET : P2015DN	HP	KOLKATA
19	PR-178	CNCJL23299	PRINTER	PRINTER LASERJET : P2015DN	HP	KOLKATA
20	PR-179	CNCJM22948	PRINTER	PRINTER LASERJET : P2015DN	HP	SURATGARH TPS
21	PR-180	CNCJL23102	PRINTER	PRINTER LASERJET : P2015DN	HP	DURGAPUR (DSTPS)
22	PR-181	CNCJM22656	PRINTER	PRINTER LASERJET : P2015DN	HP	KOLKATA
23	PR-182	CNCJM22774	PRINTER	PRINTER LASERJET : P2015DN	HP	IPCL HALDIA
24	PR-183	CNK1R30643	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	KOLKATA
25	PR-184	CNK1R30886	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	KOLKATA
26	PR-185	CNK2N36398	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	KOLKATA
27	PR-186	CNK2P13103	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	KOLKATA
28	PR-187	CNK2P36307	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	NPCL - NABINAGAR
29	PR-189	CNK2P41544	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	BOKARO-A
30	PR-191	CNK1R30839	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	SINGARENI
31	PR-192	CNK2P13285	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	SAGARDIGHI WBPCL
32	PR-193	CNK2P13242	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	DURGAPUR (DPL)
33	PR-195	CNK2P36316	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	KOLKATA
34	PR-196	CNK1R74929	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	BARH
35	PR-199	CNK1S36994	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	SAGARDIGHI WBPCL
36	PR-200	CNK2N13220	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	IISCO - BURNPUR
37	PR-202	CNKIS36798	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	KOLKATA
38	PR-203	CNK1T78735	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	KODERMA
39	PR-204	CNK2N36442	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	KODERMA
40	PR-206	CNK1R30469	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	BARH
41	PR-208	CNK2N13212	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	MEJIA
42	PR-209	CNK2N32947	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	BRBCL - NABINAGAR
43	PR-210	CNK2N13213	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	SANTALDIH
44	PR-211	CNK2N41960	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	KOLKATA
45	PR-212	CNK1R74903	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	IISCO - BURNPUR
46	PR-213	CNK2P09428	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	SAGARDIGHI WBPCL
47	PR-214	CNK1R49516	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	IISCO - BURNPUR
48	PR-215	CNK1R30845	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	DURGAPUR (DSTPS)
49	PR-216	CNK1P99623	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	DURGAPUR (DSTPS)
50	PR-217	CNK2P36309	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	MUZAF PUR
51	PR-218	CNK1R49509	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	PATNA
52	PR-219	CNK1R56040	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	PATNA
53	PR-220	CNK2N32945	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	LAKWA
54	PR-221	CNK1R30302	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	BONGAI-RPL
55	PR-222	CNK1P99613	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	BONGAI-RPL
56	PR-224	CNK1R74273	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	NTPC-BONGAIGAON
57	PR-227	CNK2N11056	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	LAKWA
58	PR-228	CNCJ96301L	PRINTER	PRINTER NETWORK HP COLOUR LASERHJET CP3525 DN	HP	KOLKATA
59	PR-229	CNCJ96301J	PRINTER	PRINTER NETWORK HP COLOUR LASERHJET CP3525 DN	HP	KOLKATA
60	PR-230	CNCJ96300M	PRINTER	PRINTER NETWORK HP COLOUR LASERHJET CP3525 DN	HP	KOLKATA
61	PR-231	CNCJ96301G	PRINTER	PRINTER NETWORK HP COLOUR LASERHJET CP3525 DN	HP	KOLKATA
62	PR-232	CNCJ96201G	PRINTER	PRINTER NETWORK HP COLOUR LASERHJET CP3525 DN	HP	KOLKATA
63	PR-233	CNCJ96201X	PRINTER	PRINTER NETWORK HP COLOUR LASERHJET CP3525 DN	HP	KOLKATA
64	PR-234	CNCJ96300N	PRINTER	PRINTER NETWORK HP COLOUR LASERHJET CP3525 DN	HP	KOLKATA
65	PR-235	CNCK210584	PRINTER	HP PRINTER:LASER JET P2055DN	HP	BOKARO-A
66	PR-236	CNCK210585	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KOLKATA
67	PR-237	CNCK111098	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PRINTER**

ANNEXURE - II (PRINTER)

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKER	LOCATION
68	PR-238	CNCK210563	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KOLKATA
69	PR-239	CNCK110904	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KOLKATA
70	PR-240	CNCK209529	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KOLKATA
71	PR-241	CNC209523	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KOLKATA
72	PR-242	CNCK210572	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KOLKATA
73	PR-243	CNCK110899	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KOLKATA
74	PR-244	CNCK209751	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KOLKATA
75	PR-245	CNCK209520	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KOLKATA
76	PR-246	CNCK209531	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KOLKATA
77	PR-247	CNCK210577	PRINTER	HP PRINTER:LASER JET P2055DN	HP	ABHIJIT TPS
78	PR-248	CNCK110901	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KOLKATA
79	PR-249	CNCK209524	PRINTER	HP PRINTER:LASER JET P2055DN	HP	MEJIA
80	PR-250	CNCK209755	PRINTER	HP PRINTER:LASER JET P2055DN	HP	MEJIA
81	PR-251	CNCK209522	PRINTER	HP PRINTER:LASER JET P2055DN	HP	NTPC-BONGAIGAON
82	PR-252	CNCK209512	PRINTER	HP PRINTER:LASER JET P2055DN	HP	NTPC-BONGAIGAON
83	PR-253	CNCK209746	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KOLKATA
84	PR-254	CNCK209526	PRINTER	HP PRINTER:LASER JET P2055DN	HP	SINGARENI COLLIERIES TPS
85	PR-255	CNCK209527	PRINTER	HP PRINTER:LASER JET P2055DN	HP	IISCO - BURNPUR
86	PR-256	CNCK210560	PRINTER	HP PRINTER:LASER JET P2055DN	HP	MARWA
87	PR-257	CNCK210593	PRINTER	HP PRINTER:LASER JET P2055DN	HP	MARWA
88	PR-258	CNCK115757	PRINTER	HP PRINTER:LASER JET P2055DN	HP	DURGAPUR (DSTPS)
89	PR-259	CNCK209515	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KODERMA
90	PR-260	CNCK210581	PRINTER	HP PRINTER:LASER JET P2055DN	HP	PALATONA
91	PR-261	CNCK110907	PRINTER	HP PRINTER:LASER JET P2055DN	HP	PALATONA
92	PR-262	CNCK210565	PRINTER	HP PRINTER:LASER JET P2055DN	HP	BOKARO-A
93	PR-263	CNCK110900	PRINTER	HP PRINTER:LASER JET P2055DN	HP	BOKARO-A
94	PR-264	CNCK111099	PRINTER	HP PRINTER:LASER JET P2055DN	HP	KORBA WEST
95	PR-265	CNCK209521	PRINTER	HP PRINTER:LASER JET P2055DN	HP	SINGARENI COLLIERIES TPS
96	PR-266	CNCK209753	PRINTER	HP PRINTER:LASER JET P2055DN	HP	BARH
97	PR-267	CNCK210580	PRINTER	HP PRINTER:LASER JET P2055DN	HP	BARH
98	PR-268	CNCK210578	PRINTER	HP PRINTER:LASER JET P2055DN	HP	ADHUNIK TPS
99	PR-293	VNF3M03621	PRINTER	PRINTER HP LASERJET P1566	HP	KOLKATA
100	NA	CNM2F03719	Printer	Laser Jet 1160	HP	TRICHY CELL
101	NA	812107724205	Printer	Laser Jet 4250N	HP	TRICHY CELL
102	NA	VNB8B5FJ85	Printer	HP-3010 LJ	HP	SSBG-KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SERVER**

**ANNEXURE - II  
(SERVER)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	CR-372	SGH627X348	SERVER	SERVER 2 WAY RACK PROLAIAANT DL 380G4	HP	KOLKATA
2	CR-373	SGH627X349	SERVER	SERVER 2 WAY RACK PROLAIAANT DL 380G4	HP	KOLKATA
3	CR-374	SGH627X34B	SERVER	SERVER 2 WAY RACK PROLAIAANT DL 380G4	HP	KOLKATA
4	CR-375	SGH627X34A	SERVER	SERVER 2 WAY RACK PROLAIAANT DL 380G4	HP	KOLKATA
5	CR-376	SGH633X2BJ	SERVER	SERVER 2 WAY RACK PROLAIAANT DL 380G4	HP	KOLKATA
6	CR-698	SGH806ELSJ	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
7	CR-699	SGH806ELSH	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
8	CR-713	SGH806ELTO	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
9	CR-714	SGH806ELT3	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
10	CR-715	SGH806ELT1	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
11	CR-716	SGH806ELT2	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
12	CR-717	SGH806ELSY	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
13	CR-718	SGH806ELSW	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
14	CR-719	SGH810FD82	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
15	CR-775	SGH820YS8L	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
16	CR-776	SGH820YS8M	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
17	CR-827	SGH825XR85	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
18	CR-828	SGH829YX3A	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
19	CR-829	SGH827Y95R	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
20	CR-830	SGH834Y6XR	SERVER	SERVER RACK HP PROLIANT DL 380 R05 CTO CHISSIS (SR01H(A1)) 2 Way Rack	HP	KOLKATA
21	CR-831	SSGH820YS9C	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	KOLKATA
22	CR-980	SGH033XTTV	SERVER	2 WAY HP PROLANT DL380 G7	HP	KOLKATA
23	CR-981	SGH033XTTX	SERVER	2 WAY HP PROLANT DL380 G7	HP	KOLKATA
24	CR-982	SGH033XTV0	SERVER	2 WAY HP PROLANT DL380 G7	HP	KOLKATA
25	CR-983	SGH033XTV2	SERVER	2 WAY HP PROLANT DL380 G7	HP	KOLKATA
26	CR-984	SGH033XTV4	SERVER	2 WAY HP PROLANT DL380 G7	HP	KOLKATA
27	CR-985	SGH033XTV6	SERVER	2 WAY HP PROLANT DL380 G7	HP	KOLKATA
28	CR-986	SGH033XTV8	SERVER	2 WAY HP PROLANT DL380 G7	HP	KOLKATA
29	CR-987	SGH033XTVA	SERVER	2 WAY HP PROLANT DL380 G7	HP	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - FIREWALL**

**ANNEXURE - II (FIREWALL)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	OR-207	JMX1220L1LR	FIREWALL	FIRE WALL : NETWORK ASE 5520	CISCO	KOLKATA
2	OR-479	JMX1416L040	FIREWALL	CISCO ASA 5520 NETWORK FIREWALL	CISCO	KOLKATA
3	OR-480	JMX1416L032	FIREWALL	CISCO ASA 5520 NETWORK FIREWALL	CISCO	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - MULTIFUNCTION DEVICES**

**ANNEXURE - II  
(MULTIFUNCTION)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	OR-084	CN45HCJ2YC	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER AND PHONEMODEL: HP OFFICE JET 4255	HP	KOLKATA
2	OR-162	CN79CF51Y4	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER AND PHONEMODEL: HP OFFICE JET 5610	HP	KOLKATA
3	OR-163	CN79DF700G	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER AND PHONEMODEL: HP OFFICE JET 5610	HP	KOLKATA
4	OR-238	CN8LBL562B5	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	MARWA
5	OR-239	CN8B8560RR	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
6	OR-255	CN99JD61FW	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
7	OR-256	CN99JD61GH	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
8	OR-257	CN99JD61GM	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
9	OR-258	CN99JD61GP	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
10	OR-259	CN99JD61GQ	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
11	OR-260	CN99JD61GW	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	TURIAL HEP
12	OR-261	CN99JD61G2	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
13	OR-262	CN99JD61G3	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
14	OR-263	CN99JD61G9	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - MULTIFUNCTION DEVICES**

**ANNEXURE - II  
(MULTIFUNCTION)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
15	OR-264	CN99JD71BM	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	SAGARDIGHI WBPDC
16	OR-265	CN99JD71HZ	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	BRBCL - NABINAGAR
17	OR-266	CN99JD71H3	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
18	OR-267	CN99JD71KY	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	BARH
19	OR-268	CN99JD714Z	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
20	OR-269	CN99JD715B	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
21	OR-270	CN99JD715Z	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
22	OR-278	CN9CNT6193	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
23	OR-279	CN99JD715Z	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	KOLKATA
24	OR-430	CN21UG40GC	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER AND PHONEMODEL: HP OFFICE JET 4500	HP	KOLKATA
25	OR-431	CN1B7G33HR	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER AND PHONEMODEL: HP OFFICE JET 4500	HP	KOLKATA
26	OR-449	CN3C72GJ2F	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: DESKJET INK ADVANTAGE 2645 AIO	HP	KOLKATA
27	OR-450	CN3C72GJ63	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: DESKJET INK ADVANTAGE 2645 AIO	HP	KOLKATA
28	OR-451	CN41M3G24P	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: DESKJET INK ADVANTAGE 2645 AIO	HP	IPCL HALDIA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - MULTIFUNCTION DEVICES**

**ANNEXURE - II**  
**(MULTIFUNCTION)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
29	OR-459	CN45M4G29T	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: DESKJET INK ADVANTAGE 2645 AIO	HP	IB VALLEY

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PLOTTER**

**ANNEXURE - II (PLOTTER)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	PR-156	SG67KD205S	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	KOLKATA
2	PR-159	SG654C2030	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	NTPC-BONGAIGAON
3	PR-162	SG67LD200V	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	SAGARDIGHI WBPDC
4	PR-163	SG67LD200T	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	NPCL NABINAGAR
5	PR-165	SG692D203M	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	MUZAF PUR
6	PR-166	SG654C2030	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	MARWA
7	PR-167	SG67LD200S	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	VIZAG
8	PR-190	MY821H300S	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	SURATGARH TPS
9	PR-194	MY821H300M	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	BOKARO-A
10	PR-201	MY81VH3020	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	IISCO - BURNPUR
11	PR-205	MY821H300P	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	NORTH KARANPURA
12	PR-207	MY81TH3004-W	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	BARH
13	PR-225	MY81VH3023	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	ABHIJIT TPS
14	PR-226	MY81VH3024	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	DURGAPUR (DPL)

e- Tender no. PSER: PUR: MSX: 154(VIII):107 Date 18/1/2016.

**LIST OF IT EQPT TO BE COVERED UNDER AMC - ROUTER**

**ANNEXURE - II**  
**(ROUTER)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	OR-045	JXMO637LGRS	ROUTER	ROUTER : CISCO 2621 ROUTER	CISCO	SURATGARH TPS
2	OR-055	JMX0708L2FY	ROUTER	ROUTER : CISCO 2621 ROUTER	CISCO	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SCANNER**

ANNEXURE - II (SCANNER)

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	OR-051	CN276S508D	SCANNER	SCANNER HPSCANJETSJ 4500 C	HP	MEJIA
2	OR-052	CN29J570V3	SCANNER	SCANNER HPSCANJETSJ 4500 C	HP	TEESTA
3	OR-054	CN735SROWH	SCANNER	SCANNER HPSCANJETSJ 2400 C	HP	MUZAF PUR
4	OR-082	CN4281118N	SCANNER	SCANNER HP SCANJET 3970C	HP	BARH
5	OR-095	CN45ZAL10K	SCANNER	SCANNER HP SCANJET 4070C	HP	KOLKATA
6	OR-125	CN63HTR510	SCANNER	SCANNER HP SCANJET 8250	HP	KOLKATA
7	OR-126	CN63JTR090	SCANNER	SCANNER HP SCANJET 8250	HP	KOLKATA
8	OR-127	CN63NTR486	SCANNER	SCANNER HP SCANJET 8250	HP	BARAUNI EPC
9	OR-128	CN63HTR407	SCANNER	SCANNER HP SCANJET 8250	HP	KOLKATA
10	OR-129	CN63JTR315	SCANNER	SCANNER HP SCANJET 8250	HP	KOLKATA
11	OR-130	CN63HTR343	SCANNER	SCANNER HP SCANJET 8250	HP	KOLKATA
12	OR-131	CN63JTR281	SCANNER	SCANNER HP SCANJET 8250	HP	KORBA WEST
13	OR-134	100012	SCANNER	SCANNER HP HIGHEND A3 SIZE MODEL : FI-5750C	FUJITSU	KOLKATA
14	OR-145	CN63JTR259	SCANNER	SCANNER HP SCANJET 8290	HP	PATNA
15	OR-151	CN63JTR278	SCANNER	SCANNER HP SCANJET 8290	HP	KAMENG (NEEPCO)
16	OR-165	CN63JTR267	SCANNER	SCANNER HP SCANJET 8290	HP	SAGARDIGHI WBPDC
17	OR-166	CN63HTR495	SCANNER	SCANNER HP SCANJET 8290	HP	SANTALDIH
18	OR-168	CN6C7A0319	SCANNER	SCANNER HP SCANJET 8350	HP	KOLKATA
19	OR-169	CN683A0021	SCANNER	SCANNER HP SCANJET 8350	HP	KOLKATA
20	OR-170	CN6C7A1418	SCANNER	SCANNER HP SCANJET 8350	HP	KOLKATA
21	OR-171	CN6C7A0309	SCANNER	SCANNER HP SCANJET 8350	HP	KOLKATA
22	OR-172	CN81RB0018	SCANNER	SCANNER HP SCANJET 8350	HP	KOLKATA
23	OR-173	CN81RB0019	SCANNER	SCANNER HP SCANJET 8350	HP	KOLKATA
24	OR-176	CN6C7A0269	SCANNER	SCANNER HP SCANJET 8350	HP	IPCL HALDIA
25	OR-177	CN6C7A0104	SCANNER	SCANNER HP SCANJET 8350	HP	KOLKATA
26	OR-179	CN6C4A1431	SCANNER	SCANNER HP SCANJET 8350	HP	KODERMA
27	OR-180	CN6C7A1330	SCANNER	SCANNER HP SCANJET 8350	HP	IISCO - BURNPUR
28	OR-217	CN6C7A0104-W	SCANNER	SCANNER HP SCANJET 8350	HP	KODERMA
29	OR-219	CN87BB0271	SCANNER	SCANNER HP SCANJET 8350	HP	BRBCL - NABINAGAR
30	OR-222	CN6C7A0315	SCANNER	SCANNER HP SCANJET 8350	HP	DURGAPUR (DSTPS)
31	OR-223	CN6C7A1429	SCANNER	SCANNER HP SCANJET 8350	HP	KOLKATA
32	OR-283	CN9BNA0184	SCANNER	HP SCANJET N 8420	HP	DURGAPUR (DPL)
33	OR-284	CN9BNA0161	SCANNER	HP SCANJET N 8420	HP	KOLKATA
34	OR-285	CN9BNA0142	SCANNER	HP SCANJET N 8420	HP	KOLKATA
35	OR-286	CN9BNA0173	SCANNER	HP SCANJET N 8420	HP	KOLKATA
36	OR-287	CN9BNA0143	SCANNER	HP SCANJET N 8420	HP	KOLKATA
37	OR-288	CN9BNA0003	SCANNER	HP SCANJET N 8420	HP	BARAUNI-TPS
38	OR-289	CN9BNA0184	SCANNER	HP SCANJET N 8420	HP	KOLKATA
39	OR-290	CN9BNA0196	SCANNER	HP SCANJET N 8420	HP	KOLKATA
40	OR-291	CN9BNA0171	SCANNER	HP SCANJET N 8420	HP	SINGARENI
41	OR-292	CN9BNA0125	SCANNER	HP SCANJET N 8420	HP	PUNATSANGCHU SITE / ALIPURDUAR OFFICE
42	OR-293	CN9BNA0111	SCANNER	HP SCANJET N 8420	HP	SURATGARH TPS
43	OR-294	CN9BNA0141	SCANNER	HP SCANJET N 8420	HP	ABHIJIT TPS
44	OR-318	CN9BNA0195	SCANNER	HP SCANJET N 8420	HP	NTPC-BONGAIGAON
45	OR-319	CN9BNA0189	SCANNER	HP SCANJET N 8420	HP	IISCO - BURNPUR
46	OR-324	CN9BNA0163	SCANNER	HP SCANJET N 8420	HP	BOKARO-A
47	OR-327	CN9BNA0190	SCANNER	HP SCANJET N 8420	HP	KORBA WEST
48	OR-328	CN9BNA0197	SCANNER	HP SCANJET N 8420	HP	MARWA
49	OR-330	CN9BNA0191	SCANNER	HP SCANJET N 8420	HP	PALATONA
50	OR-332	CN9BNA1044	SCANNER	HP SCANJET N 8420	HP	BARH
51	OR-349	CN12HA0031	SCANNER	HP SCANJET N 8420	HP	ADHUNIK TPS
52	NA	E-C031-03-1562(B)	SCANNER	HP Scanner 8290	HP	SSBG- KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - UPS****ANNEXURE - II (UPS)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	UR-092	3147	UPS	UPS-10 KVA ON LINE	SWITCHING ELECTRONIC	KOLKATA
2	UR-093	3836	UPS	UPS-10 KVA ON LINE	SWITCHING ELECTRONIC	BOKARO-A
3	UR-096	ISO732003367	UPS	UPS : 10.0 KVA	APC	KOLKATA
4	UR-104	96607016	UPS	UPS : 5.0 KVA MODEL : HCE-1	HINDUSTAN CONTROL	BCPL-LEPETKETA
5	UR-105	96607013	UPS	UPS : 6.0 KVA MODEL : HCE-1	HINDUSTAN CONTROL	KOLKATA
6	UR-125	802102819	UPS	UPS-10 KVA SUPER 400D	EMERSON	KOLKATA
7	UR-126	803103080	UPS	UPS-10 KVA SUPER 400D	EMERSON	KOLKATA
8	UR-127	080107-39140055	UPS	UPS-6 KVA GXT MT	EMERSON	KOLKATA
9	UR-128	08021-300660095	UPS	UPS-6 KVA GXT MT	EMERSON	MARWA
10	UR-129	802102818	UPS	UPS-10 KVA SUPER 400D	EMERSON	BOKARO-A
11	UR-130	0803300098MT03LB	UPS	UPS-3 KVA	EMERSON	KOLKATA
12	UR-133	0800900006MTLB	UPS	UPS-3 KVA	EMERSON	SURATGARH TPS
13	UR-135	0801800042MT03LB	UPS	UPS-3 KVA	EMERSON	DURGAPUR (DPL)
14	UR-136	7120527030071	UPS	UPS-6 KVA	EMERSON	IISCO - BURNPUR
15	UR-139	0803300101MT03LB	UPS	UPS-3 KVA	EMERSON	BOKARO-A
16	UR-140	0801800044MT03LB-W	UPS	UPS-3 KVA	EMERSON	KODERMA
17	UR-141	711102178-W	UPS	UPS-10 KVA SUPER 400D	EMERSON	KODERMA
18	UR-159	071205-26980098	UPS	UPS-6 KVA	EMERSON	SANTALDIH
19	UR-160	0803300101MT03LB	UPS	UPS-3 KVA	EMERSON	SAGARDIGHI WBPDC
20	UR-161	0815900064MT03LB	UPS	UPS-3 KVA	EMERSON	BARAUNI EPC
21	UR-162	536310003005	UPS	UPS-1 KVA	EMERSON	BARH
22	UR-163	7120527030063	UPS	UPS-6 KVA	EMERSON	KOLKATA
23	UR-164	811000132IT01210	UPS	UPS-1 KVA	EMERSON	PATNA
24	UR-165	811000130IT01210	UPS	UPS-1 KVA	EMERSON	PATNA
25	UR-166	811000131IT01L10	UPS	UPS-1 KVA	EMERSON	PATNA
26	UR-167	811000134IT01210	UPS	UPS-1 KVA	EMERSON	PATNA
27	UR-168	811000129IT01L10	UPS	UPS-1 KVA	EMERSON	PATNA
28	UR-169	080513-63820041	UPS	UPS-6 KVA	EMERSON	DURGAPUR (DSTPS)
29	UR-170	071205-27050217	UPS	UPS-6 KVA	EMERSON	DURGAPUR (DSTPS)
30	UR-171	0801800031MT03LB	UPS	UPS-3 KVA	EMERSON	DURGAPUR (DSTPS)
31	UR-172	0801800030MT03LB	UPS	UPS-3 KVA	EMERSON	LAKWA
32	UR-173	071205-27050225	UPS	UPS-6 KVA	EMERSON	BONGAI-RPL
33	UR-176	082100149MT03LB	UPS	UPS-3 KVA	EMERSON	NTPC-BONGAIGAON
34	UR-177	071205-27030069	UPS	UPS-6 KVA	EMERSON	MEJIA
35	UR-178	091110AS0622	UPS	UPS-10 KVA SUPER 400D	EMERSON	KOLKATA
36	UR-179	091210AS0806	UPS	UPS-10 KVA SUPER 400D	EMERSON	KOLKATA
37	UR-180	091110AS0619	UPS	UPS-10 KVA SUPER 400D	EMERSON	KOLKATA
38	UR-181	091110AS0433	UPS	UPS-10 KVA : 5410D (2X10 KVA UPS)	EMERSON	KOLKATA
39	UR-182	091110AS0618	UPS	UPS-10 KVA : 5410D (2X10 KVA UPS)	EMERSON	KOLKATA
40	UR-193	091203-39050025	UPS	6 KVA UPS ONLINE GXT 6000 LMT	EMERSON	NTPC-BONGAIGAON
41	UR-195	09120339050027	UPS	6 KVA UPS ONLINE GXT 6000 LMT	EMERSON	BARH
42	UR-196	09120339050024	UPS	6 KVA UPS ONLINE GXT 6000 LMT	EMERSON	BARH
43	UR-197	091203-39050032	UPS	6 KVA UPS ONLINE GXT 6000 LMT	EMERSON	PALATONA
44	UR-198	925300120	UPS	2 KVA EMERSON 3000 LMT	EMERSON	PALATONA
45	UR-199	092103-39050033	UPS	6 KVA UPS ONLINE GXT 6000 LMT	EMERSON	MARWA
46	UR-200	092103-39050034	UPS	6 KVA UPS ONLINE GXT 6000 LMT	EMERSON	MARWA
47	UR-201	091203-39050026	UPS	6 KVA UPS ONLINE GXT 6000 LMT	EMERSON	BOKARO-A
48	UR-202	925300119	UPS	2 KVA EMERSON 3000 LMT	EMERSON	BOKARO-A
49	UR-239	091203-39050028	UPS	6 KVA UPS ONLINE GXT 6000 LMT	EMERSON	KORBA WEST/NPGCL NABINAGAR
50	UR-240	091203-39050029	UPS	6 KVA UPS ONLINE GXT 6000 LMT	EMERSON	KORBA WEST/NPGCL NABINAGAR
51	UR-241	091203-39050031	UPS	6 KVA UPS ONLINE GXT 6000 LMT	EMERSON	DSTPS DURGAPUR
52	UR-242	091203-39050030	UPS	6 KVA UPS ONLINE GXT 6000 LMT	EMERSON	IISCO - BURNPUR

**LIST OF IT EQPT TO BE COVERED UNDER AMC - GRAPHICS WORKSTATION**

**ANNEXURE - II (GW)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	CR-1080	485C5BS	GRAPHICS WORKSTATION	DELL PRECISION T3400	DELL	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SWITCH****ANNEXURE - II (SWITCH)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	OR-026	FAA0239VONG	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	KOLKATA
2	OR-028	FAB0532W1Y8	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	DURGAPUR (DPL)
3	OR-042	FOCO638Z3HQ	SWITCH	SWITCH : CI 24 PORT 10/100 AUTOSENSING AUTONEGOTIATING CATALYST SWITCH	CISCO	SANTALDIH
4	OR-043	FOCO638Y3LV	SWITCH	SWITCH : CI 24 PORT 10/100 AUTOSENSING AUTONEGOTIATING CATALYST SWITCH	CISCO	BARAUNI EPC
5	OR-044	FOCO638Z3FX	SWITCH	SWITCH : CI 24 PORT 10/100 AUTOSENSING AUTONEGOTIATING CATALYST SWITCH	CISCO	MEJIA
6	OR-046	FOCO630Y2MR	SWITCH	SWITCH : MODEL-WS-C2950-12 (VPN EQPT.)	CISCO	KOLKATA
7	OR-056	FOCO652Z12K	SWITCH	SWITCH : 12 PORT(VPN EQPT.)	CISCO	KOLKATA
8	OR-062	FOC0811T054	SWITCH	SWITCH : 10/1000 MBPS 24 PORT	CISCO	KOLKATA
9	OR-064	FOC0811S09N	SWITCH	SWITCH : 10/1000 MBPS 24 PORT	CISCO	MONARCHAK-NEEPCO
10	OR-065	FOC0811T044	SWITCH	SWITCH : 10/1000 MBPS 24 PORT	CISCO	PARADIP (IOCL)
11	OR-094	FHK0905X0E1	SWITCH	SWITCH : 48 PORT 10/100 MBPSMODEL: WS-C2950T-45	CISCO	KOLKATA
12	OR-096	FOCO903W0GB	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	KOLKATA
13	OR-110	FOCO903Z0CT	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	DURGAPUR (DPL)
14	OR-135	FOC1031Z3WC	SWITCH	SWITCH : 48 PORT 10/100 MBPSMODEL: WS-C2950G-48-EI	CISCO	KODERMA
15	OR-136	FOC1030Z1H3	SWITCH	SWITCH : 48 PORT 10/100 MBPSMODEL: WS-C2950G-48-EI	CISCO	KOLKATA
16	OR-148	DR2M364002114	SWITCH	SWITCH : 24 PORT MANAGEDMODEL : DES 3526	D-LINK	KAMENG (NEEPCO)
17	OR-149	DRAH162000049	SWITCH	SWITCH : 24 PORT MANAGED MODEL : DGS-3024	D-LINK	DURGAPUR (DPL)
18	OR-150	DR2M468007980	SWITCH	SWITCH : 24 PORT MANAGEDMODEL : DES 3526	D-LINK	MARWA
19	OR-156	DR2M472100817	SWITCH	SWITCH : 24 PORT MANAGEDMODEL : DES 3526	D-LINK	KOLKATA
20	OR-181	FOC1219W1JP	SWITCH	SWITCH : LAYER 3 CISCO CATALYST 3560 24 PORT	CISCO	KOLKATA
21	OR-182	FOC1219W1JR	SWITCH	SWITCH : LAYER 3 CISCO CATALYST 3560 24 PORT	CISCO	KOLKATA
22	OR-183	FOC1219W1JV	SWITCH	SWITCH : LAYER 3 CISCO CATALYST 3560 24 PORT	CISCO	KOLKATA
23	OR-184	FOC1219W1JX	SWITCH	SWITCH : LAYER 3 CISCO CATALYST 3560 24 PORT	CISCO	KOLKATA
24	OR-185	FOC1219Y72G	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	KOLKATA
25	OR-186	FOC1219Y72B	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	BOKARO-A
26	OR-205	FD01217X4AV	SWITCH	SWITCH (POE) : CISCO CATALYST 3560 24 PORT	CISCO	KOLKATA
27	OR-206	FD01217X4AY	SWITCH	SWITCH (POE) : CISCO CATALYST 3560 24 PORT	CISCO	KOLKATA
28	OR-218	FOC1219Y72C	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	IISCO - BURNPUR
29	OR-220	PLOA187009875	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	MARWA
30	OR-221	PLOA187009874	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	LAKWA
31	OR-224	PLOA1A004751	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	MEJIA
32	OR-225	PLOA1A004692	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	SINGARENI COLLIERIES TPS
33	OR-226	PLOA1A005045	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	KOLKATA
34	OR-227	FOC1231X77Z	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	KOLKATA
35	OR-228	FOC1103Z0HC	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	BARH
36	OR-231	PLOA17A004693	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	DURGAPUR (DSTPS)
37	OR-232	PLOA17A004695	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	DURGAPUR (DSTPS)
38	OR-233	PLOA187009794	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	DURGAPUR (DSTPS)
39	OR-234	023R367500520	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	KODERMA
40	OR-235	PLOA17A005061	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	KODERMA
41	OR-236	PLOA17A004750	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	KODERMA
42	OR-237	PLOA187009813	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	KODERMA
43	OR-240	PLOA187009793	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	KOLKATA
44	OR-241	PLOA17A005051	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	BOKARO-A
45	OR-242	PLOA17A005052	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	BOKARO-A
46	OR-244	FOC1219Y72J	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	SANTALDIH
47	OR-245	FOC1219Y72P	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	DURGAPUR (DPL)
48	OR-246	FOC1219Y73X	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	DURGAPUR (DSTPS)
49	OR-247	PLOA187009825	SWITCH	SWITCH : 24 PORT MANAGEDMODEL : DES 3526	D-LINK	TEESTA
50	OR-248	FOC1219Y72E	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	MEJIA
51	OR-251	FOC1234U15T	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	NABINAGAR
52	OR-252	FOC1231X17E	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	NTPC-BONGAIGAON
53	OR-271	PLOA187009839	SWITCH	SWITCH : 24 PORT MANAGEDMODEL : DES 3526	D-LINK	BARH
54	OR-272	PLOA187009841	SWITCH	SWITCH : 24 PORT MANAGEDMODEL : DES 3526	D-LINK	BARH
55	OR-275	PLOA187009840	SWITCH	SWITCH : 24 PORT MANAGEDMODEL : DES 3526	D-LINK	NTPC-BONGAIGAON
56	OR-295	FOC1403X007	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	KOLKATA
57	OR-296	FOC1346X4XY	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	SURATGARH TPS
58	OR-297	FOC1403V63R	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	KOLKATA
59	OR-298	FOC1403V64X	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	KOLKATA
60	OR-299	FOC1403V647	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	KOLKATA
61	OR-300	FOC1403V5KC	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	KOLKATA
62	OR-301	FOC1403V5GD	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	PARADIP (IOCL)
63	OR-302	FOC1403X4PB	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	KOLKATA
64	OR-303	FOC1403V5HT	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	KOLKATA
65	OR-304	FOC1403V5KO	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	KOLKATA
66	OR-305	FOC1403V5GW	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	KOLKATA
67	OR-306	FOC1403V5J6	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SWITCH**

**ANNEXURE - II (SWITCH)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
68	OR-307	FOC1403V64K	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	OIL DULIAJAN ASSAM
69	OR-308	FOC1403V640	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	KOLKATA
70	OR-309	FOC1352W570	SWITCH	SWITCH : LAYER 3 CISCO CATALYST 3560 24 PORT	CISCO	KOLKATA
71	OR-310	FOC1352WOHV	SWITCH	SWITCH : LAYER 3 CISCO CATALYST 3560 24 PORT	CISCO	KOLKATA
72	CR-323	FOC1403V5JX	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	BOKARO-A
73	OR-325	FOC1403WILX	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	KORBA WEST
74	OR-326	C296024TCL	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	KORBA WEST
75	OR-329	PLOA189026394	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	PALATONA
76	OR-331	FOC1403V64P	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	BARH
77	OR-333	FOC1403V5KB	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	MARWA
78	OR-334	FOC1403V2K4	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	MARWA
79	OR-352	FOC1403Y2K5	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	KOLKATA
80	OR-434	2012092L0634	SWITCH	NETWORK POWER SWITCH (NPS) MODEL- NPS-1,R-32,32A.	EMERSON	KOLKATA
81	OR-435	2012092L0646	SWITCH	NETWORK POWER SWITCH (NPS) MODEL- NPS-1,R-32,32A.	EMERSON	KOLKATA
82	OR-481	FOC1231X17B	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	NTPC-BONGAIGAON

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PROJECTOR****ANNEXURE - II (PROJECTOR)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	OR-041	50103398	PROJECTOR	PROJECTOR:MULTIMEDIA MODEL-PLUS DEGITAL U2X2000(PLUS COMPUTER DATA DLP PROJECTOR WITH CABLES CARRYING BAG REMOT CONTROLOPERATIONAL MANUAL)	PLUS CORPORATION	KOLKATA
2	OR-053	2HXAA2B22568	PROJECTOR	PROJECTOR:MULTIMEDIA -01 NO. (PLUS COMPUTER DATA DLP PROJECTOR CEILING MOUNT KIT AND CABLING HARD CARRYING CASE VGA SPLITTER)	PLUS CORPORATION	KOLKATA
3	OR-059	2XDAA3823871	PROJECTOR	PROJECTOR:MULTIMEDIA MODEL-PLUS DEGITAL U2-1200(PLUS COMPUTER DATA DLP PROJECTOR WITH CABLES CARRYING BAG REMOT CONTROLOPERATIONAL MANUAL)	PLUS CORPORATION	BOKARO-A
4	OR-102	4118	PROJECTOR	PROJECTOR : MULTIMEDIA MODEL: XD 70U	MITSUBISHI	KORBA WEST
5	OR-104	OOO4894	PROJECTOR	PROJECTOR : MULTIMEDIA MODEL: XD 70U	MITSUBISHI	BARH
6	OR-112	6007254	PROJECTOR	PROJECTOR:MULTIMEDIAMODEL : GD20X	GLOBUS INFOCOM	BCPL-LEPETKETA
7	OR-113	6063	PROJECTOR	PROJECTOR:MULTIMEDIAMODEL : GD20X	GLOBUS INFOCOM	KOLKATA
8	OR-152	PDW3701403SUO	PROJECTOR	PROJECTOR:MULTIMEDIA WITH WIRELESS KIT AND ACCESSORIESMODEL : BENQ MP721MAKE : BENQ	BENQ	KOLKATA
9	OR-153	PDW3701474SUO	PROJECTOR	PROJECTOR:MULTIMEDIAMODEL : GD20X	BENQ	KOLKATA
10	OR-154	PDW3701473SUO	PROJECTOR	PROJECTOR:MULTIMEDIAMODEL : GD20X	BENQ	KOLKATA
11	OR-155	PDW3701465UO	PROJECTOR	PROJECTOR:MULTIMEDIAMODEL : GD20X	BENQ	SINGARENI COLLIERIES TPS
12	OR-208	AZGB83000174	PROJECTOR	PROJECTOR:MULTIMEDIA WITH WIRELESS KIT AND ACCESSORIESMODEL : INFOCUS IN2104	HCL INFOSYSTEM	DURGAPUR (DSTPS)
13	OR-209	AZGB83000093	PROJECTOR	PROJECTOR:MULTIMEDIA WITH WIRELESS KIT AND ACCESSORIESMODEL : INFOCUS IN2104	HCL INFOSYSTEM	NTPC-BONGAIGAON
14	OR-210	AZGB83000123	PROJECTOR	PROJECTOR:MULTIMEDIA WITH WIRELESS KIT AND ACCESSORIESMODEL : INFOCUS IN2104	HCL INFOSYSTEM	KODERMA
15	OR-211	MRJHJ11001412000D68400	PROJECTOR	PROJECTOR:MULTIMEDIA WITH WIRELESS KIT AND ACCESSORIESMODEL : INFOCUS IN2104	HCL INFOSYSTEM	NPGL - NABINAGAR
16	OR-212	17665	PROJECTOR	PROJECTOR:MULTIMEDIA MITSHUBISHI EX 200U	MITSUBISHI	KOLKATA
17	OR-213	AZGB83000091	PROJECTOR	PROJECTOR:MULTIMEDIA WITH WIRELESS KIT AND ACCESSORIESMODEL : INFOCUS IN2104	HCL INFOSYSTEM	KOLKATA
18	OR-214	AZGB83000687	PROJECTOR	PROJECTOR:MULTIMEDIA WITH WIRELESS KIT AND ACCESSORIESMODEL : INFOCUS IN2104	HCL INFOSYSTEM	MARWA
19	OR-215	AZGB83000133	PROJECTOR	PROJECTOR:MULTIMEDIA WITH WIRELESS KIT AND ACCESSORIESMODEL : INFOCUS IN2104	HCL INFOSYSTEM	SINGARENI COLLIERIES TPS
20	OR-216	AZGB83000137	PROJECTOR	PROJECTOR:MULTIMEDIA WITH WIRELESS KIT AND ACCESSORIESMODEL : INFOCUS IN2104	HCL INFOSYSTEM	IISCO - BURNPUR
21	OR-320	PSAAA8401178	PROJECTOR	MULTIMEDIA PROJECTOR MODEL:TAXAN PS-125X	TAXAN	TEESTA
22	OR-321	PSAAA7520624	PROJECTOR	MULTIMEDIA PROJECTOR MODEL:TAXAN PS-125X	TAXAN	PARADIP (IOCL)
23	OR-322	PSAAA8401234	PROJECTOR	MULTIMEDIA PROJECTOR MODEL:TAXAN PS-125X	TAXAN	PALATONA
24	OR-417	1SBGNM15201811	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	ABHUIT TPS
25	OR-418	1SBGNM14601036	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	BCPL-LEPETKETA
26	OR-419	1SBGNM14601401	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	BARAUNI EPC
27	OR-420	1SBGNM14601041	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	DURGAPUR (DPL)
28	OR-421	BGNM14601353	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	SURATGARH TPS
29	OR-422	1SBGNM14601769	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	MTTP - KANTI
30	OR-423	1SBGNM14601339	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	NAMRUP
31	OR-424	1SBGNM14601412	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	MONARCHAK-NEEPCO
32	OR-425	1SBGNM14601356	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	KOLKATA
33	OR-426	1SBGNM14601047	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	PARADIP (IOCL)
34	OR-427	1SBGNM14601011	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	SAGARDIGHI WBPDC
35	OR-428	1SBGNM14601046	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	VIZAG

**LIST OF IT EQPT TO BE COVERED UNDER AMC - ULTRIUM**

**ANNEXURE - II**  
**(ULTRIUM)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	OR-076	MXA043103Y	ULTRIUM	ULTRIUM AUTO LOADER	HP	KOLKATA
2	OR-187	MXA809106C	ULTRIUM	ULTRIUM AUTO LOADER	HP	KOLKATA
3	OR-188	MXA8091064	ULTRIUM	ULTRIUM AUTO LOADER	HP	KOLKATA
4	OR-482	MXA953109W	ULTRIUM	ULTRIUM AUTO LOADER	HP	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SAN STORAGE**

**ANNEXURE - II**  
**(SAN)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	OR-313	SGH002XERC	SAN STORAGE	HP EVA 4400	HP	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PLASMA MONITOR**

**ANNEXURE - II**  
**(PLASMA)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	OR-088	905LPKW000597	PLASMA MONITOR	PLASMA MONITOR 42 MODEL:MT42PZ41V	LG	KOLKATA
2	OR-118	601KCNL2Z911	PLASMA MONITOR	PLASMA TV MODEL:SOPX4R-TB ATRLLAD	LG	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - RF DEVICE**

**ANNEXURE - II (RF)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	OR-491	6069PQ0933	RF DEVICE	RF DEVICE MODEL-5780BH10	CAMBIUM	KOLKATA
2	OR-492	6069PQ093T	RF DEVICE	RF DEVICE MODEL-5780BH10	CAMBIUM	KOLKATA
3	OR-493	NA	RF DEVICE	RF DEVICE MODEL-5780BH10	CAMBIUM	SURATGARH TPS
4	OR-494	NA	RF DEVICE	RF DEVICE MODEL-5780BH10	CAMBIUM	SURATGARH TPS

**LIST OF IT EQPT TO BE COVERED UNDER AMC - RACK**

**ANNEXURE - II**  
**(RACK)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	OR-077	NA	RACK	RACK : 42 U RACK	HP	KOLKATA
2	OR-229	NA	RACK	RACK : 42 U RACK	null	KOLKATA
3	OR-311	NA	RACK	RACK : 42 U RACK	HP	KOLKATA
4	OR-312	NA	RACK	RACK : 42 U RACK	HP	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - KVM SWITCH WITH TFT MONITOR**

**ANNEXURE - II**  
**(KVM)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	OR-133	null	TFT MONITOR_KVM SWITCH	SWITCH : 16 PORT KVM	null	KOLKATA
2	OR-174	SK595BM17081002	TFT MONITOR_KVM SWITCH	TFT MONITOR_KVM SWITCH	null	KOLKATA
3	OR-483	289AQ036AJ80017	TFT MONITOR_KVM SWITCH	TFT MONITOR_KVM SWITCH	null	KOLKATA
4	OR-484	289AJ035AJC0027	TFT MONITOR_KVM SWITCH	TFT MONITOR_KVM SWITCH	null	KOLKATA
5	OR-485	289AS035AJM0005	TFT MONITOR_KVM SWITCH	TFT MONITOR_KVM SWITCH	null	KOLKATA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - WIRELESS**

**ANNEXURE - II  
(WIRELESS)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION
1	OR-189	FTX1215E06Y	WIRELESS	WIRELESS ACCESS POINT,(AIRONET 1200 SERIES)	CISCO	KOLKATA
2	OR-190	FTX1215R09V	WIRELESS	WIRELESS ACCESS POINT,(AIRONET 1200 SERIES)	CISCO	KOLKATA
3	OR-191	FTX1215R09R	WIRELESS	WIRELESS ACCESS POINT,(AIRONET 1200 SERIES)	CISCO	KOLKATA
4	OR-192	FTX1215R09T	WIRELESS	WIRELESS ACCESS POINT,(AIRONET 1200 SERIES)	CISCO	SURATGARH TPS
5	OR-193	FTX1215E06X	WIRELESS	WIRELESS ACCESS POINT,(AIRONET 1200 SERIES)	CISCO	KOLKATA
6	OR-194	FTX1215R09S	WIRELESS	WIRELESS ACCESS POINT,(AIRONET 1200 SERIES)	CISCO	KOLKATA
7	OR-195	FTX1215R09U	WIRELESS	WIRELESS ACCESS POINT,(AIRONET 1200 SERIES)	CISCO	KOLKATA
8	OR-335	FCW1403Z0FE	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	MARWA
9	OR-336	FCW1403Z0FH	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	MARWA
10	OR-337	FCW1403Z0FL	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	KOLKATA
11	OR-347	FCW1403Z0FK	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	BARH
12	OR-348	FCW1403Z0FG	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	BARH
13	OR-350	FCW1430Z0FJ	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	KOLKATA
14	OR-351	FCW1430Z0FP	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	KOLKATA
15	OR-486	FCW1403Z0FF	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	NTPC BONGAIGAON
16	OR-487	FCW1403Z0FO	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	NTPC BONGAIGAON
17	OR-488	FCW1403Z0FM	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	KORBA WEST
18	OR-489	FCW1403Z0FC	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	KORBA WEST
19	OR-490	FCW1403Z0FP	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	PALATANA

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SURATGARH CUSTOMER**

**ANNEXURE - II**  
**(SURATGARH CUSTOMER)**

SL NO	IT SL NO	MAC SL NO	TYPE	ITEM_DESC	MAKE	LOCATION	AMC PERIOD START DATE
1	PR-291	CNRXS76578	PRINTER	HP LASER 5200N PRINTER	HP	SURATGARH CUSTOMER	(AMC wef 27/06/2016)
2	PR-292	CNRXS74272	PRINTER	HP LASER 5200N PRINTER	HP	SURATGARH CUSTOMER	(AMC wef 04/06/2016)
3	PR-294	CNGXG2Q9BK	PRINTER	PRINTER HP COLOR LASERJET 5225DN	HP	SURATGARH CUSTOMER	(AMC wef 24/02/2017)
4	PR-289	CN332FH038	PLOTTER	PLOTTER HP DNJ 790 PS 44:	HP	SURATGARH CUSTOMER	(AMC wef 07/06/2016)
5	PR-290	CN332FH035	PLOTTER	PLOTTER HP DNJ 790 PS 44:	HP	SURATGARH CUSTOMER	(AMC wef 07/06/2016)
6	OR-452	CN3BK50008	SCANNER	SCANNER HP SJ3000S2 (L2737A)	HP	SURATGARH CUSTOMER	(AMC wef 24/02/2017)

**LAN NODES TO BE COVERED UNDER AMC&FM**

**ANNEXURE - III (LAN)**

**MAINTENANCE OF LOCAL AREA NETWORK (COVERING MANPOWER  
SUPPORT, SPARES & SERVICES)**

SL. NO.	LOCATION	NO. OF NODES
1	BARAUNI EPC	50
2	BARAUNI-TPS	10
3	BARH	30
4	BCPL-LEPETKETA	20
5	BOKARO-A	50
6	BRBCL - NABINAGAR	40
7	DURGAPUR (DPL)	30
8	IB VALLEY	40
9	IISCO - BURNPUR	20
10	IPCL HALDIA	30
11	KAMENG (NEEPCO)	10
12	KODERMA	20
13	KOLKATA	300
14	MARWA	40
15	MONARCHAK-NEEPCO	10
16	MTPP - KANTI	50
17	NAMRUP	20
18	NORTH KARANPURA	40
19	NPGCL - NABINAGAR	40
20	NTPC-BONGAIGAON	30
21	OIL DULIAJAN ASSAM	10
22	PALATONA	20
23	PARADIP (IOCL)	50
24	PATNA	10
25	SAGARDIGHI WBDCL	70
26	SINGARENI COLLIERIES TPS	70
27	SURATGARH TPS	70
28	TEESTA	15
29	VIZAG HNPCL	60
<b>TOTAL LAN NODES</b>		<b>1255</b>

**INSTALLATION OF LAN NODES (OPTIONAL)**

**ANNEXURE - III  
(LAN Optional)**

**LIST OF SPARES**

SL. NO.	DESCRIPTION	UNIT
1	CAT 6 UTP CABLE (305 MTR PER BOX)	BOX
2	CAT 6 INFORMATION OUTLET FOR DATA	NOS.
3	CAT 6 MOUNTING CORD (1MRT)	NOS.
4	CAT 6 MOUNTING CORD (2 MRT)	NOS.
5	24 PORT JACK PANNEL WITH I/O	NOS.
6	FACE PLACT	NOS.
7	FIXING BOX	NOS.
8	25 MM DIA RECESSED RIGID PVC CONDUIT	MTR
9	RJ 45 CONNECTOR	NOS.
10	CASING -FLAT	MTR
11	ALUMINUM CHANNEL	MTR
12	WALL MOUNTED RACK 8 U	NOS.
13	BLOCK CHANNEL 100 MM	MTR
14	HDPE	MTR
15	ALUMINUM TRAY	MTR

**INSTALLATION CHARGES**

SL. NO.	DESCRIPTION	UNIT
1	LAYING OF PVC CONDUITS	MTR
2	LAYING OF CAT 6 UTP CABLE	MTR
3	LAYING AND FIXING OF CASING	MTR
4	LAYING AND FIXING OF ALUMINUM CHANNEL	MTR
5	DISMANTLING CHARGE OF OLD LAN POINTS	LOT
6	RACK DRESSING	NOS.
7	UPS ROOM DRESSING	LOT
8	FIXING OF FACE PLAT & BOX	NOS.
9	LAYING OF BLOCK CHANNEL 100 MM	MTR
10	FIXING OF ALUMINUM TRAY	MTR
11	TERMINATION AND TESTING & DOCUMENTATION OF CAT 6 CABLE	NOS.

**OTHER CHARGES**

SL. NO.	DESCRIPTION	UNIT
1	PORT SCANNING CHARGE	PER PORT
2	DRESSING OF RACK	IN TOTALITY
3	PREPARATION OF LAN LAYOUT DRG/DOCUMENTATION	IN TOTALITY

<b>LOCATIONS TO BE COVERED UNDER FM &amp; PM</b>
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ANNEXURE - IV

SL. NO.	SITE NAME	ADDRESS	MONTHLY PREVENTIVE MAINTENANCE VISIT REQUIRED (YES/NO)
1	PSER-HQ	POWER SECTOR EASTERN REGION, BHEL BHAWAN, PLOT NO. DJ 9/, SECTOR II, SALT LAKE CITY, KARUNAMOYEE, KOLKATA-700091	NO
2	BARAUNI EPC	BSEB Barauni (2X250 MW),BHEL Site Office,AT + PO -Barauni Thermal Power Station, District - Begusarai, Pin-851116	YES
3	BARH	BARH SITE OFFICE, Ganga Bihar, NTPC Transit Camp, P.O. Barh, Patna Bihar-803213	YES
4	BCPL LAPETKATA	BHEL Site Office, 1X53 MW Captive Power Plant, M/s. Brahmaputra Cracker & Polymer Limited, Lepetkata, Natun Gaon, A.T. Road, P.O. Mahanghat, Dibrugarh-786008 (Assam)	YES
5	BOKARO A	BHEL SITE OFFICE, BOKARO A, P.O. Bokaro Thermal, DVC, Distt: Bokaro, Jharkand-829107	YES
6	BRBCL NABINAGAR	BHEL Site Office, 4x250 MW Nabinagar Project BRBCL P.O. Nabinagar Dehri-onsone, Dist. Aurangabad, Bihar - 824 303	YES
7	DURGAPUR DPL	BHEL Site Office, 1 x 250 MW, Durgapur Project Limited, Dist. Burdwan, Durgapur-713201 (West Bengal)	YES
8	DURGAPUR DSTPS	BHEL SITE OFFICE, 2 X 500 MW DSTPS PROJECT, P.O. Andal, Dist: Burdwan-713321, (West Bengal)	NO
9	IB VALLEY	BHEL Site Office, 2X660MW, UNIT 3 and 4, IB Thermal Power Station-OPGCL Banharpalli, Jharsugura, Orissa- 768234	YES
10	IISCO BURNPUR	BHEL SITE OFFICE, Flat No. A5, Block-B, Abhishek Apartment,Gopalpur, Asansol, Dist. Burdwan-713304	NO
11	IPCL HALDIA	BHEL Site Office, IPCL Haldia 3x150 MW Thermal Power Project, Vill - Kashberia, P.O. Shibrarnagar, P.S. Bhabanipur, Haldia, Dist. Purba Medinipur-721635 (West Bengal)	YES
12	KAMENG NEEPCO	BHEL TRANSIT CAMP, Opp:BSNL Campus, Upper Bhalukpong, West Kameng District, Arunachal Pradesh-790114	NO
13	KODERMA	BHEL SITE OFFICE, 2 X 500 MW Koderma Power Project, Bnajhedih, P.O. Jhumri Telaiya, Dist. Koderma-825409 (Jharkand)	NO
14	MARWA	BHEL SITE OFFICE, CSEB, 2 X 500 MW Marwa TPP, Tendubhata, P.O:Basantpur Via Champa, Dist:Janjgir near Champa, Chattisgarh-495671	YES
15	MUZAFFARPUR KANTI	Muzaffarpur TPP, Kanti Phase II, (2x195 MW) BHEL Site Office, Muzaffarpur TPP, Kanti Dist. Muzaffarpur, Bihar-843130	YES
16	NAMRUP	BHEL Site Office, NBPPL Site Office, Namrup Thermal Power Station (NTPS) Namrup, P.O. N.T.P.S., Distt. Dibrugarh, Assam - 786622	YES
17	NORTH KARANPURA	3 X 660 MW, NORTH KARANPURA SUPER THERMAL POWER PROJECT NTPC, TANDWA, DIST CHATRA, JHARKHAND	YES
18	NPGL NABINAGAR	BHEL Site Office, 3 X 660 MW Nabinagar Project NPGL Shivanpur, P.O.-Ankhora, Dist.- Aurangabad, Bihar, PIN: 824303	YES
19	NTPC BONGAIGAON	BHEL SITE OFFICE, 3 X 250 MW NTPC-Bongaigaon TPP, P.O. Salakati, Dist. Kokrajhar (BTAD) , ASSAM-783369	YES

**e-Tender no.PSER: PUR: MSX: 154(VIII):107 Date 18/1/2016.**

<b>SL. NO.</b>	<b>SITE NAME</b>	<b>ADDRESS</b>	<b>MONTHLY PREVENTIVE MAINTENANCE VISIT REQUIRED (YES/NO)</b>
20	PATALANA	BHEL Site Office,P.O. Palatana, Dist.- South Tripura, StateTripura-799116	NO
21	PARADIP IOCL	BHARAT HEAVY ELECTRICALS LIMITED,IOCL-PARADIP REFINERY PROJECT,JHIMANI (POST), JAGATSINGHPUR DISTRICT,ORISSA-754141	YES
22	PATNA SAS	BHEL-SAS, B Block, 3rd Floor, Maurya Lok Complex, Dakbunglow Road, Patna-800001	YES
23	PUNATSANGCHU-ALIPURDUAR OFFICE	C/O BHEL "Sharma Sadan" Sh Pramod Sharma Bhanu Bhakta Toll Dist: Alipurduar Jaigaon. 736182 WB	NO
24	SAGARDIGHI WBDCL	BHEL Site Office,Sagardighi (Extn.) Project-Ph.II-(2x500 MW (Extn.)),Sagardighi,Dt. Murshidabad, West Bengal-742237	YES
25	SINGARENI COLLIERIES TPS	BHEL SITE OFFICE (2X600 MW), SINGARENI TPP, PEGADAPALLI (VILLAGE), JAIPUR(MONDAL) DIST. ADILABAD, ANDHRA PRADESH-504216	YES
26	SURATGARH TPS	BHEL SITE OFFICE, 2nd FLOOR, ADMINISTRATIVE BUILDING, RRVUNL, PRABHAT NAGAR, SURATGARH STPS, DIST: SRIGANGANAGAR, PIN : 335804, RAJASTHAN	YES
27	TEESTA	BHEL SITE OFFICE, (NHPC ,TLDP-4), P.O. Kalijhora, Dist Darjeeling, (W.B)	NO
28	TURIAL HEP	Site Office: BHEL Transit Flat cum Site Office, NEEPCO TURIAL HEP, Mizoram; Silchar Address: C/o NEEPCO IB, Silchar City Arcade, 4th Floor, Rangerkhari, Sonai Road, Silchar-788005	NO
29	VIZAG HNPCL	HINDUJA NATION POWER CORPORATION LTD,1040 MW VIZAG PROJECT,VILLAGE :PALAVALASA , POST:T.DEVADA ,PEDAGANTAYADA MANDAL,STEEL PLANT (SUB OFFICE),VISHAKHAPATNAM - 530031	YES

**ANNEXURE - V****REPORTS TO BE GENERATED BY AMC & FM VENDOR AS PER SLA OF THE CONTRACT**

SL. NO.	REPORT NAME	FREQUENCY	FORMAT DETAILS	REMARKS
1	PENDING CALL REPORT	WEEKLY	REPORT - I	FORMAT MAY BE CREATED IN DISCUSSION WITH IT DEPARTMENT (TO BE MAINTAINED IN ELECTRONIC FORMAT / HARD COPY)
2	DOWNTIME REPORT	QUARTERLY (TO BE SUBMITTED MANDATTORILY WITH QUARTERLY BILL)	REPORT - II	FORMAT MAY BE CREATED IN DISCUSSION WITH IT DEPARTMENT (TO BE MAINTAINED IN ELECTRONIC FORMAT / HARD COPY)
3	PREVENTIVE MAINTENANCE REPORT AT SITES	MONTHLY	REPORT - III	ORIGINAL HARD COPY - AS PER ENCLOSED FORMAT
4	BACKUP REPORT	AS PER ISMS POLICY	REPORT - IV	HARD COPY
5	RESTORATION REPORT	AS PER ISMS POLICY	AS PER ISMS FORMAT	HARD COPY
6	EXCEPTION REPORT ON SECURITY VIOLATION	AS & WHEN HAPPENS	AS PER ISMS FORMAT	HARD COPY
7	REPORT ON WAN DOWNTIME	MONTHLY	TO BE GENERATED THROUGH S/W	TO BE SENT THROUGH MAIL TO HEAD/IT OR AUTHORIZED IT PERSONNEL
8	WAN BANDWIDTH UTILISATION REPORT	MONTHLY	TO BE GENERATED THROUGH S/W	TO BE SENT THROUGH MAIL TO HEAD/IT OR AUTHORIZED IT PERSONNEL
9	INTERNET BANDWIDTH UTILISATION REPORT	MONTHLY	TO BE GENERATED THROUGH S/W	TO BE SENT THROUGH MAIL TO HEAD/IT OR AUTHORIZED IT PERSONNEL
10	UPS MONITORING REPORT	WEEKLY	REPORT - V	HARD COPY - AS PER ENCLOSED FORMAT

												<b>Vendor's Header</b>		
<b>Preventive Maintenance Report</b>														
<b>PO NO. -</b>												<b>PO DATE-</b>		
<b>Site Name</b>												<b>Date:</b>		
<b>Address</b>												<b>Tel:</b>		
												<b>Email:</b>		
												<b>Contact Person</b>		
<b>S.No</b>	<b><u>PC/Laptop Check List</u></b>											√		
1	Cleaning the Internal CPU Box for dust including SMPS													
2	Check the CDROM Drive / CD Writer / Tape Drive functionality (if available)													
3	Check for CPU & SMPS fans functionality													
4	Check for Keyboard & Mouse performance & Clean Keyboard													
5	Check the system network functionality, check IP, pinging or not													
6	Check the Monitor / HDD Functionality													
7	Delete the C:\Windows\Temp files													
8	Check IP, Subnet Mask, DNS, Gateway													
9	Check Administrative password													
10	Ask Helpdesk in Kolkata to log into RODC server (if present)													
<b>SI No</b>	<b>M/C SI No-</b>	<b>IT SI No:-</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>Remarks</b>	<b>Sign. of User or IT Co-Ordinator</b>
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														

**For (Vendor Name)**  
**Engg. Signature with Seal**

**Customer (BHEL):**  
**Engg. Signature with Seal**

							Vendor's Header	
Preventive Maintenance Report								
PO NO.:					PO DATE:			
Site Name					Date:			
Address					Tel:			
					Email:			
					Contact Person			
SI.No	Printer/Plotter/Scanner/Multifunction Check List							√
1	Clean the printers thoroughly and take a self test page							
2	Clean the pickup rollers, gears							
3	Clean the Fuser Assembly & check the functionality							
4	Check the condition of the Ink Cartridges & Print Head							
SI NO	M/C SI No-	IT SI No:-	1	2	3	4	Remarks	Sign. of User or IT Co-Ordinator
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

For (Vendor Name)  
Engg. Signature with Seal

Customer (BHEL):  
Engg. Signature with Seal

											Vendor's Header			
Preventive Maintenance Report														
PO NO.:							PO DATE:							
Site Name								Date:						
Address								Tel:						
								Email:						
								Contact Person						
SI.No	<u>Network Switches/ Routers/ Wireless Access Points Check List</u>											√		
1	IP ping checks													
2	Checking of All ports working (for Network Switches)													
3														
4														
SI NO	M/C SI No-	IT SI No:-	1	2	3	4	5	6	7	8	9	10	Remarks	Sign. of User or It Co-Ordinator
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														

For (Vendor Name)  
Engg. Signature with Seal

Customer (BHEL):  
Engg. Signature with Seal

										Vendor's Header	
Preventive Maintenance Report											
PO NO.:						PO DATE:					
Site Name						Date:					
Address						Tel:					
						Email:					
						Contact Person					
SI.No	<u>UPS Check List</u>										UOM
1	Input Voltage										Volt (V)
2	Output Voltage										Hertz (Hz)
3	Input Frequency (for 10 KVA UPS)										Ampere (A)
4	Output Frequency (for 10 KVA UPS)										Volt (V)
5											
6	Output Current										Ampere (A)
7	Battery charging voltage										Volt (V)
SI NO	M/C SI No-	IT SI No:-	1	2	3	4	5	6	7	Remarks	Sign. of User or It Co-Ordinator
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
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19											
20											

For (Vendor Name)  
Engg. Signature with Seal

Customer (BHEL):  
Engg. Signature with Seal



**UPS MONITORING REPORT**

REPORT - V

DATE ON WHICH ATTENDED:

UPS NO	FLOOR NO IT IS SERVING	Online UPS Monitoring Activity	MEASUREMENT & CHECKING VOLTAGE						DATA RECEIVED	ACTION TAKEN, IF ANY
			Input	Output	Input Frequency	Output Frequency	Battery charging voltage	Load on UPS		

ATTENDED BY :

REVIEWED BY :

NAME & SIGNATURE OF FM ENGINEER

NAME & SIGNATURE OF BHEL IT PERSONNEL

	<b>THIRD PARTY NON-DISCLOSURE AGREEMENT</b>	<b>Doc. No. : ISMS-04-ER-013</b>
		<b>Version 2.0, Rev. No. : 00</b>
		<b>Page No. 1 of 1</b>

**ANNEXURE – VIII**

**ON COMPANY'S LETTER HEAD AND DULY SIGNED BY COMPETENT AUTHORITY**

I, \_\_\_\_\_, on behalf of the \_\_\_\_\_  
(**Name of Company**), acknowledge that the information received or generated, directly or indirectly, while working with BHEL on contract is confidential and that the nature of the business of the BHEL is such that the following conditions are reasonable, and therefore:

I warrant and agree as follows:

I, or any other personnel employed or engaged by our company, agree not to disclose, directly or indirectly, any information related to the BHEL and shall follow all security policies of BHEL. Without restricting the generality of the foregoing, it is agreed that we will not disclose such information consisting but not necessarily limited to:

- Technical information: Methods, drawings, processes, formulae, compositions, systems, techniques, inventions, computer programs/data/configuration and research projects.
- Business information: Customer lists, project schedules, pricing data, estimates, financial or marketing data,

On conclusion of contract, I, or any other personnel employed or engaged by our company shall return to BHEL all documents and property of BHEL, including but not necessarily limited to: drawings, blueprints, reports, manuals, computer programs/data/configuration, and all other materials and all copies thereof relating in any way to BHEL's business, or in any way obtained by me during the course of contract. I further agree that I, or any others employed or engaged by our company shall not retain copies, notes or abstracts of the foregoing.

This obligation of confidence shall continue after the conclusion of the contract also.

I acknowledge that the aforesaid restrictions are necessary and fundamental to the business of the BHEL, and are reasonable given the nature of the business carried on by the BHEL. I agree that this agreement shall be governed by and construed in accordance with the laws of country.

I enter into this agreement totally voluntarily, with full knowledge of its meaning, and without duress.

Dated at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Name

Company

Signature

INTERNAL

**LIST OF CONSUMABLES WHICH ARE TO BE EXCLUDED FROM AMC**

ANNEXURE- IX

SL. NO.	EQUIPMENT	LIST OF CONSUMABLES
1	BACKUP DEVICE	BACK UP MEDIA LIKE TAPE , CARTRIDGE etc.
2	LAPTOP	BATTERY
4	PROJECTOR	LAMP
5	SCANNER	LAMP, PLASTIC PARTS
6	PRINTER & MULTIFUNCTION DEVICE	CARTRIDGE, FUSER ASSEMBLY, PLASTIC PARTS, TEFLON, SCANNER LAMP
7	PLOTTER	PLASTIC PARTS, CARTRIDGE, PRINT HEAD CARTRIDGE
8	PLASMA MONITOR	PICTURE TUBE, LCD PANEL

ANNEXURE - X

<b>NAME OF THE STATES / UNION TERRITORIES FOR WHICH OPTIONAL RATES NEEDED FOR FM SERVICES</b>	
<b>SL. NO.</b>	<b>NAME OF STATES</b>
1	JAMMU & KASHMIR
2	HARYANA
3	PUNJAB
4	HIMACHAL PRADESH
5	UTTARAKHAND
6	UTTAR PRADESH
7	MADHYA PRADESH
8	GUJARAT
9	MAHARASHTRA
10	GOA
11	SIKKIM
12	NAGALAND
13	MANIPUR
14	MIZORAM
15	MEGHALAYA
16	TAMIL NADU
17	KARNATAKA
18	KERELA

<b>SL. NO.</b>	<b>NAME OF UNION TERRITORIES</b>
1	NCR & DELHI
2	UNION TERRITORY OF CHANDIGARH
3	DADRA AND NAGAR HAVELI
4	PONDICHERY
5	ANDAMAN & NICOBAR ISLANDS
6	LAKSHWADEEP

**ANNEXURE - XI**

<b>LIST OF ACCEPTABLE DOCUMENTS FOR PHOTO IDENTITY PROOF</b>	
1	PAN Card
2	Election Commission Photo ID card
3	Passport copy
4	Aadhaar Card
5	Valid Driving License

<b>LIST OF ACCEPTABLE DOCUMENTS FOR ADDRESS PROOF</b>	
1	Water Bill
2	Telephone (landline or post paid mobile bill)
3	Electricity bill
4	Election Commission Photo ID card
5	Proof of Gas Connection
6	Passport copy
7	Applicant's current and valid ration card
8	Aadhaar Card
9	Registered Rent Agreement (for a period of more than one year)
10	Valid Driving License
11	Photo Passbook of running Bank Account (Scheduled Public Sector Banks, Scheduled Private Sector Indian Banks and Regional Rural Banks only)

<b>VOLUME-III (PRICE SCHEDULE) (PREAMBLE) : UNPRICED ANNEXURE-XII E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII)-107 Date 18/01/2016.</b>	
<b>COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT AND FACILITY MANAGEMENT CONTRACT OF IT EQUIPMENT &amp; SERVICES OF BHEL: PSER FOR A PERIOD OF TWO (2) YEARS</b>	
<b>PREAMBLE OF PRICE SCHEDULE</b>	
1	This preamble forms part of tender document and schedule of items. The tenderer should read this preamble carefully in rates for various items. Clauses under this preamble shall be read in conjunction with Volume-IB, Volume- ID, Volume-IE, Volume-IF, Volume-II together with subsequent changes/ modifications etc there to as applicable as on date of submission of price offer. It is also to be noted that Price Schedule (Volume-III: Annexure-XII) contains total 27 numbers of worksheets (including Preamble) which are also integral part of Price Schedule. Any other document (if uploaded by bidder) in Price Bid/ Schedule apart from tendered Price Schedule (Volume-III: Annexure-XII) shall not be taken into cognizance for evaluation of offer. Any Modification in Price schedule in any way by bidder is not acceptable & shall be considered as tampering of tender document.
2	The work shall be carried out strictly as per specifications, description of the items in these schedule and / or engineer's instructions.
3	Items of work provided in this schedule but not covered in this specification shall be executed strictly as per instruction of the engineer.
4	Unless specifically mentioned otherwise in the tender document, the tenderer shall quote for the finished items and shall provide for the complete cost towards power, fuel, tools, tackles, equipment, constructional plants, temporary works, labour, dismantling of all temporary piping, structures, valves, pumps, tanks & other misc equipment, strengthening of roads/ culverts/ bridges etc including arranging all clearances etc required for carrying out different activities & tests, materials, levies, taxes, transport, layout, repairs, rectification, maintenance till handing over, supervisions, colonies, shops, establishments, overheads, profits and all incidental items not specifically mentioned but reasonably implied and necessary to complete the work according to the tender document and this schedule.
5	The rates quoted in Price schedule shall be inclusive of "all taxes (excluding Service Tax & SWACHH BHARAT Cess), Works Contract Tax under state VAT Act, charges royalties, duties, Octroi, Cess, any State or Central levy and other taxes for materials obtained for the work and for the execution of the contract". Service Tax & SWACHH BHARAT Cess shall be paid extra, as applicable. No separate payment will be made towards the same.
6	Rates shall be quoted in figures (in Whole Number Only) in clear legible writing. No overwriting is allowed. All scoring and cancellations should be countersigned and in case of illegibility the interpretation of engineer shall be final. All entries shall be in English. Bidders to quote rate in all the applicable columns of Price Schedule, no column (which is/are to be filled) should be left blank. Any column (which is/are to be filled) of Price Schedule is left blank, rate for the same shall be construed as included in total quoted price. <b>EVALUATION WILL BE ON THE BASIS OF GRAND TOTAL OF (A+B+C+D) OF SUMMARY SHEET (CALCULATION) OF PRICE SCHEDULE (ANNEXURE-XII) . OPTIONAL ITEMS SHALL NOT CONSIDERED FOR EVALUATION.</b>
7	Bidder has to quote rate cumulative for Preventive as well as Breakdown Maintenance for the site identified as "YES" in Annexure-XII (FM). However, Bidder has to quote rate for Breakdown Maintenance for the site identified as "NO" in Annexure-XII (FM).
8	The tenderer shall be deemed to have visited site and made himself aware of all the site conditions, studied the specifications and details of work to be done within the time schedule attached and to have acquainted himself of the conditions prevailing at site.
9	Engineer's decision shall be final and binding on the contractor regarding clarification of items in the schedule with respect to the other sections/volumes of the contract.
10	In case Sealed /Paper Price Bids are opened for finalization of the tender, for any Item Rate/BOQ based contract, possibility of variation of quantity/ addition/ deletion of items cannot be ruled out. Under such circumstances, after execution of work, if it is observed that standing as L-1 is changed based on actual quantity executed, the bidder shall give suitable rebate to maintain your standing as L-1. Since this aspect can be assessed at the end of execution, necessary adjustment will be effected at the end of execution in final bill. This condition shall not be applicable where the tender is finalized through Reverse Auction.
11	BHEL reserves the right to rationalize the rates, quoted by L-1 bidder against unit rate/ optional items with respect to item-wise lowest rates (amongst participating bidders), before placement of order. BHEL also reserves the right to place order for any / all optional items at any time during the contract period.
12	The vendor will have to quote uniform rates for items under the category of Laptop, PC, Printer, Plotter, Scanner, Multifunction device, UPS, Server, Switch, Projector, RF Device and Wireless Access Point for similar make and model irrespective of location as these items will be diverted from one site to another from time to time (as per scope of the tender- FM sites).
13	The order shall be placed for Two (2) years , however payment shall be made quarterly on pro-rata basis and the total quarterly value shall be derived by dividing the total value for two years by eight (8) quarters except for the rate for the items covered under "Suratgarh Customer" scope. The total quarterly value for the items covered under "Suratgarh Customer" scope shall be derived on pro-rata basis from the total lumpsum charges ( for AMC & Breakdown Maintenance for the applicable period).
14	The quantity under the scope of AMC, LAN & FM Sites given in the scope are provisional and may vary to any extent at the time of Execution of work. Quoted Rates of the items shall remain firm throughout the contract period within the variation of (+) 30 (Thirty percent) percent of the total contract price.

**VOLUME-III (PRICE SCHEDULE)  
SUMMARY SHEET (CALCULATION)**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

**ANNEXURE - XII (UNPRICED)**

VALUE IN RS.

**A. NO. OF IT EQUIPMENT TO BE COVERED UNDER AMC**

ITEM DESCRIPTION	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REFERENCE	TOTAL VALUE FOR TWO YEARS (IN RS.)
LAPTOP	NO(S)	120	66	<a href="#">ANNEXURE - XII (LAPTOP)</a>	
PC	NO(S)	621	315	<a href="#">ANNEXURE - XII (PC)</a>	
PRINTER	NO(S)	102	56	<a href="#">ANNEXURE - XII (PRINTER)</a>	
SERVER	NO(S)	29	29	<a href="#">ANNEXURE - XII (SERVER)</a>	
FIREWALL	NO(S)	3	3	<a href="#">ANNEXURE - XII (FIREWALL)</a>	
MULTIFUNCTION DEVICES	NO(S)	29	29	<a href="#">ANNEXURE - XII (MULTIFUNCTION)</a>	
PLOTTER	NO(S)	14	14	<a href="#">ANNEXURE - XII (PLOTTER)</a>	
ROUTER	NO(S)	2	2	<a href="#">ANNEXURE - XII (ROUTER)</a>	
SCANNER	NO(S)	52	52	<a href="#">ANNEXURE - XII (SCANNER)</a>	
UPS	NO(S)	52	52	<a href="#">ANNEXURE - XII (UPS)</a>	
GRAPHICS WORKSTATION	NO(S)	1	1	<a href="#">ANNEXURE - XII (GW)</a>	
SWITCH	NO(S)	82	82	<a href="#">ANNEXURE - XII (SWITCH)</a>	
PROJECTOR	NO(S)	35	35	<a href="#">ANNEXURE - XII (PROJECTOR)</a>	
ULTRIUM	NO(S)	4	4	<a href="#">ANNEXURE - XII (ULTRIUM)</a>	
SAN STORAGE	NO(S)	1	1	<a href="#">ANNEXURE - XII (SAN)</a>	
PLASMA MONITOR	NO(S)	2	2	<a href="#">ANNEXURE - XII (PLASMA)</a>	
RF DEVICE	NO(S)	4	4	<a href="#">ANNEXURE - XII (RF)</a>	
RACK	NO(S)	4	4	<a href="#">ANNEXURE - XII (RACK)</a>	
TFT MONITOR WITH KVM SWITCH	NO(S)	5	5	<a href="#">ANNEXURE - XII (KVM)</a>	
WIRELESS ACCESS POINTS	NO(S)	19	19	<a href="#">ANNEXURE - XII (WIRELESS)</a>	
<b>TOTAL :</b>		<b>1181</b>	<b>775</b>		

**B. NO. OF LAN NODES OF PSER HQ & SITES**

DESCRIPTION	UOM	NO. OF NODES	ANNEXURE REFERENCE	TOTAL VALUE FOR TWO YEARS (IN RS.)
LAN	NO(S)	1255	<a href="#">ANNEXURE - XII (LAN)</a>	
<b>TOTAL :</b>		<b>1255</b>		

**C. NO. OF SITES UNDER FM**

DESCRIPTION	UOM	NO. OF SITES	ANNEXURE REFERENCE	TOTAL VALUE FOR TWO YEARS (IN RS.)
FM SITES	NO(S)	29	<a href="#">ANNEXURE - XII (FM)</a>	
<b>TOTAL :</b>		<b>29</b>		

**D. SURATGARH CUSTOMER**

DESCRIPTION	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REFERENCE	TOTAL VALUE FOR TWO YEARS (IN RS.)
SURATGARH CUSTOMER	NO(S)	6	6	<a href="#">ANNEXURE - XII (SURATGARH CUSTOMER)</a>	
<b>TOTAL :</b>		<b>6</b>	<b>6</b>		

**VOLUME-III (PRICE SCHEDULE)  
SUMMARY SHEET (CALCULATION)**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

**ANNEXURE - XII (UNPRICED)**

VALUE IN RS.

<b>TOTAL AMC, LAN, FM &amp; SURATGARH CUSTOMER</b>		
SL. NO.	HEAD	TOTAL VALUE FOR TWO YEARS (IN RS.)
A.	AMC	
B.	LAN	
C.	FM	
D.	SURATGARH CUSTOMER	
** GRAND TOTAL (AMC, LAN, FM & SURATGARH CUSTOMER) IN RS. :		

**\*\* EVALUATION CRITERIA : EVALUATION WILL BE ON THE BASIS OF GRAND TOTAL OF (A+B+C+D). OPTIONAL ITEMS SHALL NOT CONSIDERED FOR EVALUATION.**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - LAPTOP**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

[BACK TO SUMMARY SHEET](#)

**ANNEXURE - XII (UNPRICED)  
(LAPTOP)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF.	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	NO(S)	45	25	ANNEXURE - II (LAPTOP) (SI. No. 1 to 45) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
2	LAPTOP	LAPTOP NX6320	HP	NO(S)	53	30	ANNEXURE - II (LAPTOP) (SI. No. 46 to 98) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
3	LAPTOP	LAPTOP NC2400 SPECIAL LIGHT WEIGHT	HP	NO(S)	4	2	ANNEXURE - II (LAPTOP) (SI. No. 99 to 101 & 103) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
4	LAPTOP	LAPTOP HP PROBOOK HP 450	HP	NO(S)	1	1	ANNEXURE - II (LAPTOP) (SI. No. 102) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
5	LAPTOP	DELL LATITUDE E4300	DELL	NO(S)	9	3	ANNEXURE - II (LAPTOP) (SI. No. 104 to 112) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
6	LAPTOP	LENOVO THINKPAD L420	LENEVO	NO(S)	5	2	ANNEXURE - II (LAPTOP) (SI. NO. 113 to 117) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
7	Laptop	Computer	Acer	NO(S)	2	2	ANNEXURE - II (LAPTOP) (SI. No. 118 & 119) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
8	Laptop	Computer	Dell	NO(S)	1	1	ANNEXURE - II (LAPTOP) (SI. No. 120) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
<b>TOTAL</b>					<b>120</b>	<b>66</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

[BACK TO SUMMARY SHEET](#)

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PC**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII  
(UNPRICED) (PC)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	NO(S)	29	15	ANNEXURE - II (PC) (Sl. No. 1 to 29) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
2	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	NO(S)	74	37	ANNEXURE - II (PC) (Sl. No. 30 to 96; Sl. No. 607 to 613 ) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
3	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NO(S)	296	148	ANNEXURE - II (PC) (Sl. No. 97 to 392) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
4	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NO(S)	215	108	ANNEXURE - II (PC) (Sl. No. 393 to 606 & 614) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
5	PC	Computer	HP	NO(S)	1	1	ANNEXURE - II (PC) (Sl. No. 615) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
6	PC	HP Compaq	HP	NO(S)	3	3	ANNEXURE - II (PC) (Sl. No. 616, 618 & 619) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
7	PC	HCL	HP	NO(S)	1	1	ANNEXURE - II (PC) (Sl. No. 617) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
8	PC	HP COMPAQ	HP	NO(S)	2	2	ANNEXURE - II (PC) (Sl. No. 620 & 621) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
<b>TOTAL</b>					<b>621</b>	<b>315</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PRINTER**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

[BACK TO SUMMARY SHEET](#)

**ANNEXURE - XII (UNPRICED)  
(PRINTER)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2300 N	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 1) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
2	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2420 DN	HP	NO(S)	10	5	ANNEXURE - II (PRINTER) (Sl. No. 2 to 4; Sl. No. 6 to 8; Sl. No. 10 to 13) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
3	PRINTER	PRINTER COLOUR LASERJET A4 :HP LJ 4700 DN	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 5) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
4	PRINTER	HP OFFICEJET PRO 8000 DN	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 9) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
5	PRINTER	PRINTER LASERJET : P2015DN	HP	NO(S)	10	7	ANNEXURE - II (PRINTER) (Sl. No. 14 to 23) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
6	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	NO(S)	34	17	ANNEXURE - II (PRINTER) (Sl. No. 24 to 57) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
7	PRINTER	PRINTER NETWORK HP COLOUR LASERHJET CP3525 DN	HP	NO(S)	7	3	ANNEXURE - II (PRINTER) (Sl. No. 58 to 64) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
8	PRINTER	HP PRINTER:LASER JET P2055DN	HP	NO(S)	34	17	ANNEXURE - II (PRINTER) (Sl. No. 65 to 98) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
9	PRINTER	PRINTER HP LASERJET P1566	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 99) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
10	Printer	Laser Jet 1160	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 100) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
11	Printer	Laser Jet 4250N	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 101) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
12	Printer	HP-3010 LJ	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 102) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
<b>TOTAL</b>					<b>102</b>	<b>56</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

[BACK TO SUMMARY SHEET](#)

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SERVER**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII (UNPRICED)  
(SERVER)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	SERVER	SERVER 2 WAY RACK PROLIANT DL 380 G4	HP	NO(S)	5	5	ANNEXURE - II (SERVER) (Sl. No. 1 to 5)		0
2	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	NO(S)	15	15	ANNEXURE - II (SERVER) (Sl. No. 6 to 19 & 21)		0
3	SERVER	SERVER RACK HP PROLIANT DL 380 R05 CTO CHISSIS (SR01H(A1)) 2 Way Rack	HP	NO(S)	1	1	ANNEXURE - II (SERVER) (Sl. No. 20)		0
4	SERVER	2 WAY HP PROLIANT DL380 G7	HP	NO(S)	8	8	ANNEXURE - II (SERVER) (Sl. No. 22 to 29)		0
<b>TOTAL</b>					<b>29</b>	<b>29</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - FIREWALL**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

[BACK TO SUMMARY SHEET](#)

**ANNEXURE - XII  
(UNPRICED) (FIREWALL)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	FIREWALL	FIRE WALL : NETWORK ASE 5520	CISCO	NO(S)	1	1	ANNEXURE - II (FIREWALL) (Sl. No. 1)		0
2	FIREWALL	CISCO ASA 5520 NETWORK FIREWALL	CISCO	NO(S)	2	2	ANNEXURE - II (FIREWALL) (Sl. No. 2 & 3)		0
<b>TOTAL</b>					<b>3</b>	<b>3</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

[BACK TO SUMMARY SHEET](#)

**LIST OF IT EQPT TO BE COVERED UNDER AMC - MULTIFUNCTION DEVICES**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII (UNPRICED)  
(MULTIFUNCTION)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER AND PHONEMODEL: HP OFFICE JET 4255	HP	NO(S)	1	1	ANNEXURE - II (MULTIFUNCTION) (SI. No. 1)		0
2	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER AND PHONEMODEL: HP OFFICE JET 5610	HP	NO(S)	2	2	ANNEXURE - II (MULTIFUNCTION) (SI. No. 2 & 3)		0
3	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	NO(S)	20	20	ANNEXURE - II (MULTIFUNCTION) (SI. No. 4 to 23)		0
4	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER AND PHONEMODEL: HP OFFICE JET 4500	HP	NO(S)	2	2	ANNEXURE - II (MULTIFUNCTION) (SI. No. 24 & 25)		0
5	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: DESKJET INK ADVANTAGE 2645 AIO	HP	NO(S)	4	4	ANNEXURE - II (MULTIFUNCTION) (SI. No. 26 to 29)		0
<b>TOTAL</b>					<b>29</b>	<b>29</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PLOTTER**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107    Date 18/01/2016.**

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**ANNEXURE - XII (UNPRICED)  
(PLOTTER)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	NO(S)	14	14	ANNEXURE - II (PLOTTER) (Sl. No. 1 to 14)		0
<b>TOTAL</b>					<b>14</b>	<b>14</b>			

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

[BACK TO SUMMARY SHEET](#)

**LIST OF IT EQPT TO BE COVERED UNDER AMC - ROUTER**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107    Date 18/01/2016.**

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**ANNEXURE - XII (UNPRICED)  
(ROUTER)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	ROUTER	ROUTER : CISCO 2621 ROUTER	CISCO	NO(S)	2	2	ANNEXURE - II (ROUTER) (Sl. No. 1 & 2)		0
<b>TOTAL</b>					<b>2</b>	<b>2</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SCANNER**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII (UNPRICED)  
(SCANNER)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	SCANNER	SCANNER HPSCANJETSJ 4500 C	HP	NO(S)	2	2	ANNEXURE - II (SCANNER) (Sl. No. 1 & 2)		0
2	SCANNER	SCANNER HPSCANJETSJ 2400 C	HP	NO(S)	1	1	ANNEXURE - II (SCANNER) (Sl. No. 3)		0
3	SCANNER	SCANNER HP SCANJET 3970C	HP	NO(S)	1	1	ANNEXURE - II (SCANNER) (Sl. No. 4)		0
4	SCANNER	SCANNER HP SCANJET 4070C	HP	NO(S)	1	1	ANNEXURE - II (SCANNER) (Sl. No. 5)		0
5	SCANNER	SCANNER HP SCANJET 8250	HP	NO(S)	7	7	ANNEXURE - II (SCANNER) (Sl. No. 6 to 12)		0
6	SCANNER	SCANNER HP HIGHEND A3 SIZE MODEL : FI-5750C	FUJITSU	NO(S)	1	1	ANNEXURE - II (SCANNER) (Sl. No. 13)		0
7	SCANNER	SCANNER HP SCANJET 8290	HP	NO(S)	4	4	ANNEXURE - II (SCANNER) (Sl. No. 14 to 17)		0
8	SCANNER	SCANNER HP SCANJET 8350	HP	NO(S)	14	14	ANNEXURE - II (SCANNER) (Sl. No. 18 to 31)		0
9	SCANNER	HP SCANJET N 8420	HP	NO(S)	20	20	ANNEXURE - II (SCANNER) (Sl. No. 32 to 51)		0
10	SCANNER	HP Scanner 8290	HP	NO(S)	1	1	ANNEXURE - II (SCANNER) (Sl. No. 52)		0
<b>TOTAL</b>					<b>52</b>	<b>52</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - UPS**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII (UNPRICED)  
(UPS)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	UPS	UPS-10 KVA ON LINE	SWITCHING ELECTRONIC	NO(S)	2	2	ANNEXURE - II (UPS) (Sl. No. 1 & 2)		0
2	UPS	UPS : 10.0 KVA	APC	NO(S)	1	1	ANNEXURE - II (UPS) (Sl. No. 3)		0
3	UPS	UPS : 5.0 KVA MODEL : HCE-1	HINDUSTAN CONTROL	NO(S)	1	1	ANNEXURE - II (UPS) (Sl. No. 4)		0
4	UPS	UPS : 6.0 KVA MODEL : HCE-1	HINDUSTAN CONTROL	NO(S)	1	1	ANNEXURE - II (UPS) (Sl. No. 5)		0
5	UPS	UPS-10 KVA SUPER 400D	EMERSON	NO(S)	7	7	ANNEXURE - II (UPS) (Sl. No. 6 & 7; Sl. No. 10, 17; Sl. No. 35 to 37)		0
6	UPS	UPS-6 KVA GXT MT	EMERSON	NO(S)	2	2	ANNEXURE - II (UPS) (Sl. No. 8 & 9)		0
7	UPS	UPS-3 KVA	EMERSON	NO(S)	10	10	ANNEXURE - II (UPS) (Sl. No. 11 to 13; Sl. No. 15 & 16; Sl. No. 19 & 20; Sl. No. 30 & 31; Sl. No. 33)		0
8	UPS	UPS-6 KVA	EMERSON	NO(S)	7	7	ANNEXURE - II (UPS) (Sl. No. 14, 18, 22, 28, 29, 32, 34)		0
9	UPS	UPS-1 KVA	EMERSON	NO(S)	6	6	ANNEXURE - II (UPS) (Sl. No.21; Sl. No. 23 to 27)		0
10	UPS	UPS-10 KVA : 5410D (2X10 KVA UPS)	EMERSON	NO(S)	2	2	ANNEXURE - II (UPS) (Sl. No. 38 & 39)		0
11	UPS	6 KVA UPS ONLINE GXT 6000 LMT	EMERSON	NO(S)	11	11	ANNEXURE - II (UPS) (Sl. No. 40 to 43; Sl. No. 45 to 47; Sl. No. 49 to 52)		0
12	UPS	2 KVA EMERSON 3000 LMT	EMERSON	NO(S)	2	2	ANNEXURE - II (UPS) (Sl. No. 44 & 48)		0
<b>TOTAL</b>					<b>52</b>	<b>52</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - GRAPHICS WORKSTATION**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

[BACK TO SUMMARY SHEET](#)

**ANNEXURE - XII (UNPRICED)  
(GW)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	GRAPHICS WORKSTATION	DELL PRECISION T3400	DELL	NO(S)	1	1	ANNEXURE - II (GW) (Sl. No. 1)		0
<b>TOTAL</b>					<b>1</b>	<b>1</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)"**  
**ONLY**

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**LIST OF IT EQPT TO BE COVERED UNDER AMC - SWITCH**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII  
(UNPRICED) (SWITCH)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	NO(S)	18	18	ANNEXURE - II (SWITCH) (Sl. No. 1, 2, 12, 13; Sl. No. 56 to 69)		0
2	SWITCH	SWITCH : CI 24 PORT 10/100 AUTOSENSING AUTONEGOTIATING CATALYST SWITCH	CISCO	NO(S)	3	3	ANNEXURE - II (SWITCH) (Sl. No. 3, 4, 5)		0
3	SWITCH	SWITCH : MODEL-WS-C2950-12 (VPN EQPT.)	CISCO	NO(S)	1	1	ANNEXURE - II (SWITCH) (Sl. No. 6)		0
4	SWITCH	SWITCH :12 PORT(VPN EQPT.)	CISCO	NO(S)	1	1	ANNEXURE - II (SWITCH) (Sl. No. 7)		0
5	SWITCH	SWITCH : 10/1000 MBPS 24 PORT	CISCO	NO(S)	3	3	ANNEXURE - II (SWITCH) (Sl. No. 8 to 10)		0
6	SWITCH	SWITCH : 48 PORT 10/100 MBPSMODEL: WS-C2950T 45	CISCO	NO(S)	1	1	ANNEXURE - II (SWITCH) (Sl. No. 11)		0
7	SWITCH	SWITCH : 48 PORT 10/100 MBPSMODEL: WS-C2950G-48-EI	CISCO	NO(S)	2	2	ANNEXURE - II (SWITCH) (Sl. No. 14 & 15)		0
8	SWITCH	SWITCH : 24 PORT MANAGEDMODEL : DES 3526	D-LINK	NO(S)	7	7	ANNEXURE - II (SWITCH) (Sl. No. 16, 18, 19, 49, 53, 54, 55)		0
9	SWITCH	SWITCH : 24 PORT MANAGED MODEL : DGS-3024	D-LINK	NO(S)	1	1	ANNEXURE - II (SWITCH) (Sl. No. 17)		0
10	SWITCH	SWITCH : LAYER 3 CISCO CATALYST 3560 24 PORT	CISCO	NO(S)	6	6	ANNEXURE - II (SWITCH) (Sl. No. 20 to 23; Sl. No. 70 & 71)		0
11	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	NO(S)	20	20	ANNEXURE - II (SWITCH) (Sl. No. 24, 25, 28, 34, 35; Sl. No. 46 to 48; Sl. No. 50 to 52; Sl. No. 72 to 79; Sl. No. 82)		0
12	SWITCH	SWITCH (POE) : CISCO CATALYST 3560 24 PORT	CISCO	NO(S)	2	2	ANNEXURE - II (SWITCH) (Sl. No. 26 & 27)		0
13	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	NO(S)	15	15	ANNEXURE - II (SWITCH) (Sl. No. 29 to 33; Sl. No. 36 to 45)		0
14	SWITCH	NETWORK POWER SWITCH (NPS) MODEL- NPS-1,R-32,32A.	EMERSON	NO(S)	2	2	ANNEXURE - II (SWITCH) (Sl. No 80 & 81)		0
<b>TOTAL</b>					<b>82</b>	<b>82</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED"IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PROJECTOR**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII (UNPRICED)  
(PROJECTOR)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	PROJECTOR	PROJECTOR:MULTIMEDIA MODEL-PLUS DEGITAL U2X2000(PLUS COMPUTER DATA DLP PROJECTOR WITH CABLES CARRYING BAG REMOT CONTROLOPERATIONAL MANUAL)	PLUS CORPORATION	NO(S)	1	1	ANNEXURE - II (PROJECTOR) (Sl. No. 1)		0
2	PROJECTOR	PROJECTOR:MULTIMEDIA -01 NO. (PLUS COMPUTER DATA DLP PROJECTOR CEILING MOUNT KIT AND CABLING HARD CARRYING CASE VGA SPLITTER)	PLUS CORPORATION	NO(S)	1	1	ANNEXURE - II (PROJECTOR) (Sl. No. 2)		0
3	PROJECTOR	PROJECTOR:MULTIMEDIA MODEL-PLUS DEGITAL U2-1200(PLUS COMPUTER DATA DLP PROJECTOR WITH CABLES CARRYING BAG REMOT CONTROLOPERATIONAL MANUAL)	PLUS CORPORATION	NO(S)	1	1	ANNEXURE - II (PROJECTOR) (Sl. No. 3)		0
4	PROJECTOR	PROJECTOR : MULTIMEDIA MODEL: XD 70U	MITSUBISHI	NO(S)	2	2	ANNEXURE - II (PROJECTOR) (Sl. No. 4 & 5)		0
5	PROJECTOR	PROJECTOR:MULTIMEDIAMODEL : GD20X	GLOBUS INFOCOM	NO(S)	2	2	ANNEXURE - II (PROJECTOR) (Sl. No. 6 & 7)		0
6	PROJECTOR	PROJECTOR:MULTIMEDIA WITH WIRELESS KIT AND ACCESSORIESMODEL : BENQ MP721MAKE : BENQ	BENQ	NO(S)	1	1	ANNEXURE - II (PROJECTOR) (Sl. No. 8)		0
7	PROJECTOR	PROJECTOR:MULTIMEDIAMODEL : GD20X	BENQ	NO(S)	3	3	ANNEXURE - II (PROJECTOR) (Sl. No. 9, 10, 11)		0
8	PROJECTOR	PROJECTOR:MULTIMEDIA WITH WIRELESS KIT AND ACCESSORIESMODEL : INFOCUS IN2104	HCL INFOSYSTEM	NO(S)	8	8	ANNEXURE - II (PROJECTOR) (Sl. No. 12 to 15; Sl. No. 17 to 20)		0
9	PROJECTOR	PROJECTOR:MULTIMEDIA MITSHUBISHI EX 200U	MITSUBISHI	NO(S)	1	1	ANNEXURE - II (PROJECTOR) (Sl. No. 16)		0
10	PROJECTOR	MULTIMEDIA PROJECTOR MODEL:TAXAN PS-125X	TAXAN	NO(S)	3	3	ANNEXURE - II (PROJECTOR) (Sl. No. 21 to 23)		0
11	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	NO(S)	12	12	ANNEXURE - II (PROJECTOR) (Sl. No. 24 to 35)		0
<b>TOTAL</b>					<b>35</b>	<b>35</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - ULTRIUM**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107**

**Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII (UNPRICED)  
(ULTRIUM)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	ULTRIUM	ULTRIUM AUTO LOADER	HP	NO(S)	4	4	ANNEXURE - II (ULTRIUM) (Sl. No. 1 to 4)		0
<b>TOTAL</b>					<b>4</b>	<b>4</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SAN STORAGE**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

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**ANNEXURE - XII (UNPRICED)  
(SAN)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	SAN STORAGE	HP EVA 4400	HP	NO(S)	1	1	ANNEXURE - II (SAN) (Sl. No. 1)		0
<b>TOTAL</b>					<b>1</b>	<b>1</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

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**LIST OF IT EQPT TO BE COVERED UNDER AMC - PLASMA MONITOR**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

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**ANNEXURE - XII (UNPRICED)  
(PLASMA)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	PLASMA MONITOR	PLASMA MONITOR 42 MODEL:MT42PZ41V	LG	NO(S)	1	1	ANNEXURE - II (PLASMA) (Sl. No. 1)		0
2	PLASMA MONITOR	PLASMA TV MODEL:SOPX4R-TB ATRLLAD	LG	NO(S)	1	1	ANNEXURE - II (PLASMA) (Sl. No. 2)		0
<b>TOTAL</b>					<b>2</b>	<b>2</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

[BACK TO SUMMARY SHEET](#)

**LIST OF IT EQPT TO BE COVERED UNDER AMC - RF DEVICE**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107**

**Date 18/01/2016.**

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**ANNEXURE - XII (UNPRICED)  
(RF)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	RF DEVICE	RF DEVICE MODEL-5780BH10	CAMBIUM	NO(S)	4	4	ANNEXURE - II (RF) (Sl. No. 1 to 4)		0
<b>TOTAL</b>					<b>4</b>	<b>4</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

[BACK TO SUMMARY SHEET](#)

**LIST OF IT EQPT TO BE COVERED UNDER AMC - RACK**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII (UNPRICED)  
(RACK)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	RACK	RACK : 42 U RACK	HP	NO(S)	3	3	ANNEXURE - II (RACK) (Sl. No. 1, 3, 4)		0
2	RACK	RACK : 42 U RACK	null	NO(S)	1	1	ANNEXURE - II (RACK) (Sl. No. 2)		0
<b>TOTAL</b>					<b>4</b>	<b>4</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - KVM SWITCH WITH TFT MONITOR**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

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**ANNEXURE - XII (UNPRICED)  
(KVM)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	TFT MONITOR_KVM SWITCH	SWITCH : 16 PORT KVM	null	NO(S)	1	1	ANNEXURE - II (KVM) (Sl. No. 1)		0
2	TFT MONITOR_KVM SWITCH	TFT MONITOR_KVM SWITCH	null	NO(S)	4	4	ANNEXURE - II (KVM) (Sl. No. 2 to 5)		0
<b>TOTAL</b>					<b>5</b>	<b>5</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

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**LIST OF IT EQPT TO BE COVERED UNDER AMC - WIRELESS**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

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**ANNEXURE - XII (UNPRICED)  
(WIRELESS)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	WIRELESS	WIRELESS ACCESS POINT,(AIRONET 1200 SERIES)	CISCO	NO(S)	7	7	ANNEXURE - II (WIRELESS) (Sl. No. 1 to 7)		0
2	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	NO(S)	12	12	ANNEXURE - II (WIRELESS) (Sl. No. 8 to 19)		0
<b>TOTAL</b>					<b>19</b>	<b>19</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

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**LAN NODES TO BE COVERED UNDER AMC&FM**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

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**ANNEXURE - XII (UNPRICED)**  
**(LAN)**

MAINTENANCE OF LOCAL AREA NETWORK (COVERING MANPOWER SUPPORT, SPARES & SERVICES)				
SL. NO.	LOCATION	NO. OF NODES (TENDER SCOPE)	RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS.)
			A	B = (A X 8)
1	BARAUNI EPC	50		0
2	BARAUNI-TPS	10		0
3	BARH	30		0
4	BCPL-LEPETKETA	20		0
5	BOKARO-A	50		0
6	BRBCL - NABINAGAR	40		0
7	DURGAPUR (DPL)	30		0
8	IB VALLEY	40		0
9	IISCO - BURNPUR	20		0
10	IPCL HALDIA	30		0
11	KAMENG (NEEPCO)	10		0
12	KODERMA	20		0
13	KOLKATA	300		0
14	MARWA	40		0
15	MONARCHAK-NEEPCO	10		0
16	MTPP - KANTI	50		0
17	NAMRUP	20		0
18	NORTH KARANPURA	40		0
19	NPGCL - NABINAGAR	40		0
20	NTPC-BONGAIGAON	30		0
21	OIL DULIAJAN ASSAM	10		0
22	PALATONA	20		0
23	PARADIP (IOCL)	50		0
24	PATNA	10		0
25	SAGARDIGHI WBPDC	70		0
26	SINGARENI COLLIERIES TPS	70		0
27	SURATGARH TPS	70		0
28	TEESTA	15		0
29	VIZAG HNPCL	60		0
<b>TOTAL LAN NODES</b>		<b>1255</b>		

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "RATE PER QUARTER (IN RS.)" ONLY**

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**LOCATIONS TO BE COVERED UNDER FM & PM**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

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**ANNEXURE - XII (UNPRICED)**  
**(FM)**

SL. NO.	SITE NAME (TENDER SCOPE)	ADDRESS	MONTHLY PREVENTIVE MAINTENANCE VISIT REQUIRED (YES/NO)	RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS.)
				A	B = (A X 8)
1	PSER-HQ	POWER SECTOR EASTERN REGION, BHEL BHAWAN, PLOT NO. DJ 9/, SECTOR II, SALT LAKE CITY, KARUNAMOYEE, KOLKATA-700091	NO		0
2	BARAUNI EPC	BSEB Barauni (2X250 MW),BHEL Site Office,AT + PO -Barauni Thermal Power Station, District - Begusarai, Pin-851116	YES		0
3	BARH	BARH SITE OFFICE, Ganga Bihar, NTPC Transit Camp, P.O. Barh, Patna Bihar-803213	YES		0
4	BCPL LAPETKATA	BHEL Site Office, 1X53 MW Captive Power Plant, M/s. Brahmaputra Cracker & Polymer Limited, Lepetkata, Natun Gaon, A.T. Road, P.O. Mahanghat, Dibrugarh-786008 (Assam)	YES		0
5	BOKARO A	BHEL SITE OFFICE, BOKARO A, P.O. Bokaro Thermal, DVC, Distt: Bokaro, Jharkand-829107	YES		0
6	BRBCL NABINAGAR	BHEL Site Office, 4x250 MW Nabinagar Project BRBCL P.O. Nabinagar Dehri-onsone, Dist. Aurangabad, Bihar - 824 303	YES		0
7	DURGAPUR DPL	BHEL Site Office, 1 x 250 MW, Durgapur Project Limited, Dist. Burdwan, Durgapur-713201 (West Bengal)	YES		0
8	DURGAPUR DSTPS	BHEL SITE OFFICE, 2 X 500 MW DSTPS PROJECT, P.O. Andal, Dist: Burdwan-713321, (West Bengal)	NO		0
9	IB VALLEY	BHEL Site Office, 2X660MW, UNIT 3 and 4, IB Thermal Power Station-OPGCL Banharpalli, Jharsugura, Orissa- 768234	YES		0
10	IISCO BURNPUR	BHEL SITE OFFICE, Flat No. A5, Block-B, Abhishek Apartment,Gopalpur, Asansol, Dist. Burdwan-713304	NO		0
11	IPCL HALDIA	BHEL Site Office, IPCL Haldia 3x150 MW Thermal Power Project, Vill - Kashberia, P.O. Shibrannagar, P.S. Bhabanipur, Haldia, Dist. Purba Medinipur-721635 (West Bengal)	YES		0
12	KAMENG NEEPCO	BHEL TRANSIT CAMP, Opp:BSNL Campus, Upper Bhalukpong, West Kameng District, Arunachal Pradesh-790114	NO		0
13	KODERMA	BHEL SITE OFFICE, 2 X 500 MW Koderma Power Project, Bnajhedih, P.O. Jhumri Telaiya, Dist. Koderma-825409 (Jharkand)	NO		0
14	MARWA	BHEL SITE OFFICE, CSEB, 2 X 500 MW Marwa TPP, Tendubhata, P.O:Basantpur Via Champa, Dist:Janjgir near Champa, Chattisgarh-495671	YES		0
15	MUZAFFARPUR KANTI	Muzaffarpur TPP, Kanti Phase II, (2x195 MW) BHEL Site Office, Muzaffarpur TPP, Kanti Dist. Muzaffarpur, Bihar-843130	YES		0
16	NAMRUP	BHEL Site Office, NBPPL Site Office, Namrup Thermal Power Station (NTPS) Namrup, P.O. N.T.P.S., Dist. Dibrugarh, Assam - 786622	YES		0
17	NORTH KARANPURA	3 X 660 MW, NORTH KARANPURA SUPER THERMAL POWER PROJECT NTPC, TANDWA, DIST CHATRA, JHARKHAND	YES		0
18	NPGCL NABINAGAR	BHEL Site Office, 3 X 660 MW Nabinagar Project NPGCL Shivanpur, P.O.-Ankhora, Dist.- Aurangabad, Bihar, PIN: 824303	YES		0
19	NTPC BONGAIGAON	BHEL SITE OFFICE, 3 X 250 MW NTPC-Bongaigaon TPP, P.O. Salakati, Dist. Kokrajhar (BTAD) , ASSAM-783369	YES		0
20	PATALANA	BHEL Site Office,P.O. Palatana, Dist.- South Tripura, StateTripura-799116	NO		0
21	PARADIP IOCL	BHARAT HEAVY ELECTRICALS LIMITED,IOCL-PARADIP REFINERY PROJECT,JHIMANI (POST), JAGATSinghpur District,ORISSA-754141	YES		0
22	PATNA SAS	BHEL-SAS, B Block, 3rd Floor, Maurya Lok Complex, Dakbnglow Road, Patna-800001	YES		0
23	PUNATSANGCHU- ALIPURDUAR OFFICE	C/O BHEL "Sharma Sadan" Sh Pramod Sharma Bhanu Bhakta Toll Dist: Alipurduar Jaigaon. 736182 WB	NO		0
24	SAGARDIGHI WBPDC	BHEL Site Office,Sagardighi (Extn.) Project-Ph.II-(2x500 MW (Extn.)),Sagardighi,Dt. Murshidabad, West Bengal-742237	YES		0

**LOCATIONS TO BE COVERED UNDER FM & PM**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

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**ANNEXURE - XII (UNPRICED)**  
**(FM)**

SL. NO.	SITE NAME (TENDER SCOPE)	ADDRESS	MONTHLY PREVENTIVE MAINTENANCE VISIT REQUIRED (YES/NO)	RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS.)
25	SINGARENI COLLIERIES TPS	BHEL SITE OFFICE (2X600 MW), SINGARENI TPP, PEGADAPALLI (VILLAGE), JAIPUR(MONDAL) DIST. ADILABAD, ANDHRA PRADESH-504216	YES		0
26	SURATGARH TPS	BHEL SITE OFFICE, 2nd FLOOR, ADMINISTRATIVE BUILDING, RRVUNL, PRABHAT NAGAR, SURATGARH STPS, DIST: SRIGANGANAGAR, PIN : 335804, RAJASTHAN	YES		0
27	TEESTA	BHEL SITE OFFICE, (NHPC ,TLDP-4), P.O. Kalijhora, Dist Darjeeling, (W.B)	NO		0
28	TURIAL HEP	Site Office: BHEL Transit Flat cum Site Office, NEEPCO TURIAL HEP, Mizoram; Silchar Address: C/o NEEPCO IB, Silchar City Arcade, 4th Floor, Rangerkhari, Sonai Road, Silchar-788005	NO		0
29	VIZAG HNPCL	HINDUJA NATION POWER CORPORATION LTD,1040 MW VIZAG PROJECT,VILLAGE :PALAVALASA , POST-T.DEVADA ,PEDAGANTAYADA MANDAL,STEEL PLANT (SUB OFFICE),VISHAKHAPATNAM - 530031	YES		0
<b>TOTAL</b>					

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "RATE PER QUARTER (IN RS.)" ONLY**

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**LIST OF IT EQPT TO BE COVERED UNDER AMC - SURATGARH CUSTOMER**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

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**ANNEXURE - XII (UNPRICED)**  
**(SURATGRAH CUSTOMER)**

SL NO	TYPE	ITEM_DESC	MAKE	QUANTITY	TENDER SCOPE	ANNEXURE REF	LUMP SUM UNIT CHARGES FOR AMC & BREAKDOWN MAINTENANCE FROM THE AMC START DATE TILL CONTRACTUAL COMPLETION DATE (IN RS)	LUMP SUM TOTAL CHARGES FOR AMC & BREAKDOWN MAINTENANCE FROM THE AMC START DATE TILL CONTRACTUAL COMPLETION DATE (IN RS)
					<b>A</b>		<b>B</b>	<b>C = A X B</b>
1	PRINTER	HP LASER 5200N PRINTER	HP	2	2	ANNEXURE - II (SURATGARH CUSTOMER) (Sl. No. 1 & 2)		0
2	PRINTER	PRINTER HP COLOR LASERJET 5225DN	HP	1	1	ANNEXURE - II (SURATGARH CUSTOMER) (Sl. No. 3)		0
3	PLOTTER	PLOTTER HP DNJ 790 PS 44:	HP	2	2	ANNEXURE - II (SURATGARH CUSTOMER) (Sl. No. 4 & 5)		0
4	SCANNER	SCANNER HP SJ3000S2 (L2737A)	HP	1	1	ANNEXURE - II (SURATGARH CUSTOMER) (Sl. No. 6)		0
<b>TOTAL</b>				<b>6</b>	<b>6</b>			

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "LUMP SUM UNIT CHARGES FOR AMC & BREAKDOWN MAINTENANCE FROM THE AMC START DATE TILL CONTRACTUAL COMPLETION DATE (IN RS)" ONLY**

RRVUNL SURATGARH TPS CUSTOMER OFFICE, JAIPUR	ADDRESS: SHRI JINESH JAIN SUPERINTENDING ENGINEER (TD-I) RAJASTHAN RAJYA VIDYUT UTPADAN NIGAM LTD. ROOM NO. - 306, VIDYUT VINIYAMAK BHAWAN SHAKAR MARG, JAIPUR - 302005.
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**BACK TO SUMMARY SHEET**

**INSTALLATION OF LAN NODES (OPTIONAL)**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107**

**Date 18/01/2016.**

**ANNEXURE - XII (UNPRICED)  
(LAN OPTIONAL)**

**LIST OF SPARES**

SL. NO.	DESCRIPTION	UNIT	UNIT RATE (IN RS.)
1	CAT 6 UTP CABLE (305 MTR PER BOX)	BOX	
2	CAT 6 INFORMATION OUTLET FOR DATA	NOS.	
3	CAT 6 MOUNTING CORD (1 MTR)	NOS.	
4	CAT 6 MOUNTING CORD (2 MTR)	NOS.	
5	24 PORT JACK PANNEL WITH I/O	NOS.	
6	FACE PLACT	NOS.	
7	FIXING BOX	NOS.	
8	25 MM DIA RECESSED RIGID PVC CONDUIT	MTR	
9	RJ 45 CONNECTOR	NOS.	
10	CASING -FLAT	MTR	
11	ALUMINUM CHANNEL	MTR	
12	WALL MOUNTED RACK 8 U	NOS.	
13	BLOCK CHANNEL 100 MM	MTR	
14	HDPE	MTR	
15	ALUMINUM TRAY	MTR	

**INSTALLATION CHARGES**

SL. NO.	DESCRIPTION	UNIT	UNIT RATE (IN RS.)
1	LAYING OF PVC CONDUITS	MTR	
2	LAYING OF CAT 6 UTP CABLE	MTR	
3	LAYING AND FIXING OF CASING	MTR	
4	LAYING AND FIXING OF ALUMINUM CHANNEL	MTR	
5	DISMANTLING CHARGE OF OLD LAN POINTS	LOT	
6	RACK DRESSING	NOS.	
7	UPS ROOM DRESSING	LOT	
8	FIXING OF FACE PLAT & BOX	NOS.	
9	LAYING OF BLOCK CHANNEL 100 MM	MTR	
10	FIXING OF ALUMINUM TRAY	MTR	
11	TERMINATION AND TESTING & DOCUMENTATION OF CAT 6 CABLE	NOS.	

**OTHER CHARGES**

SL. NO.	DESCRIPTION	UNIT	UNIT RATE (IN RS.)
1	PORT SCANNING CHARGE	PER PORT	
2	DRESSING OF RACK	LOT	
3	PREPARATION OF LAN LAYOUT DRG/DOCUMENTATION	LOT	

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "UNIT RATE (IN RS.)" ONLY**

**LOCATIONS TO BE COVERED UNDER FM (OPTIONAL)**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

**ANNEXURE - XII (UNPRICED)**  
**(FM OPTIONAL)**

**NAME OF THE STATES / UNION TERRITORIES FOR WHICH OPTIONAL RATES NEEDED FOR FM SERVICES**

SL. NO.	NAME OF STATES	LUMP SUM QUARTERLY VALUES (IN RS)
1	JAMMU & KASHMIR	
2	HARYANA	
3	PUNJAB	
4	HIMACHAL PRADESH	
5	UTTARAKHAND	
6	UTTAR PRADESH	
7	MADHYA PRADESH	
8	GUJARAT	
9	MAHARASHTRA	
10	GOA	
11	SIKKIM	
12	NAGALAND	
13	MANIPUR	
14	MIZORAM	
15	MEGHALAYA	
16	TAMIL NADU	
17	KARNATAKA	
18	KERELA	

SL. NO.	NAME OF UNION TERRITORIES	LUMP SUM QUARTERLY VALUES (IN RS)
1	NCR & DELHI	
2	UNION TERRITORY OF CHANDIGARH	
3	DADRA AND NAGAR HAVELI	
4	PONDICHERY	
5	ANDAMAN & NICOBAR ISLANDS	
6	DAMAN & DIU	
7	LAKSHWADEEP	

**BIDDER TO MENTION "QUOTED" OR "NOT-QUOTED" IN THE COLUMN "LUMP SUM QUARTERLY VALUES (IN RS.)" ONLY**

**VOLUME-III (PRICE SCHEDULE) (PREAMBLE)****ANNEXURE-XII****E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.****COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT AND FACILITY MANAGEMENT CONTRACT OF IT EQUIPMENT & SERVICES OF BHEL: PSER FOR A PERIOD OF TWO (2) YEARS****PREAMBLE OF PRICE SCHEDULE**

1	This preamble forms part of tender document and schedule of items. The tenderer should read this preamble carefully in rates for various items. Clauses under this preamble shall be read in conjunction with Volume-IB, Volume- ID, Volume-IE, Volume-IF, Volume-II together with subsequent changes/ modifications etc there to as applicable as on date of submission of price offer. It is also to be noted that Price Schedule (Volume-III: Annexure-XII) contains total 27 numbers of worksheets (including Preamble) which are also integral part of Price Schedule. Any other document (if uploaded by bidder) in Price Bid/ Schedule apart from tendered Price Schedule (Volume-III: Annexure-XII) shall not be taken into cognizance for evaluation of offer. Any Modification in Price schedule in any way by bidder is not acceptable & shall be considered as tampering of tender document.
2	The work shall be carried out strictly as per specifications, description of the items in these schedule and / or engineer's instructions.
3	Items of work provided in this schedule but not covered in this specification shall be executed strictly as per instruction of the engineer.
4	Unless specifically mentioned otherwise in the tender document, the tenderer shall quote for the finished items and shall provide for the complete cost towards power, fuel, tools, tackles, equipment, constructional plants, temporary works, labour, dismantling of all temporary piping, structures, valves, pumps, tanks & other misc equipment, strengthening of roads/ culverts/ bridges etc including arranging all clearances etc required for carrying out different activities & tests, materials, levies, taxes, transport, layout, repairs, rectification, maintenance till handing over, supervisions, colonies, shops, establishments, overheads, profits and all incidental items not specifically mentioned but reasonably implied and necessary to complete the work according to the tender document and this schedule.
5	The rates quoted in Price schedule shall be inclusive of "all taxes (excluding Service Tax & SWACHH BHARAT Cess), Works Contract Tax under state VAT Act, charges royalties, duties, Octroi, Cess, any State or Central levy and other taxes for materials obtained for the work and for the execution of the contract". Service Tax & SWACHH BHARAT Cess shall be paid extra, as applicable. No separate payment will be made towards the same.
6	Rates shall be quoted in figures (in Whole Number Only) in clear legible writing. No overwriting is allowed. All scoring and cancellations should be countersigned and in case of illegibility the interpretation of engineer shall be final. All entries shall be in English. Bidders to quote rate in all the applicable columns of Price Schedule, no column (which is/are to be filled) should be left blank. Any column (which is/are to be filled) of Price Schedule is left blank, rate for the same shall be construed as included in total quoted price. <b>EVALUATION WILL BE ON THE BASIS OF GRAND TOTAL OF (A+B+C+D) OF SUMMARY SHEET (CALCULATION) OF PRICE SCHEDULE (ANNEXURE-XII) . OPTIONAL ITEMS SHALL NOT CONSIDERED FOR EVALUATION.</b>
7	Bidder has to quote rate cumulative for Preventive as well as Breakdown Maintenance for the site identified as "YES" in Annexure-XII (FM). However, Bidder has to quote rate for Breakdown Maintenance for the site identified as "NO" in Annexure-XII (FM).
8	The tenderer shall be deemed to have visited site and made himself aware of all the site conditions, studied the specifications and details of work to be done within the time schedule attached and to have acquainted himself of the conditions prevailing at site.
9	Engineer's decision shall be final and binding on the contractor regarding clarification of items in the schedule with respect to the other sections/volumes of the contract.
10	In case Sealed /Paper Price Bids are opened for finalization of the tender, for any Item Rate/BOQ based contract, possibility of variation of quantity/ addition/ deletion of items cannot be ruled out. Under such circumstances, after execution of work, if it is observed that standing as L-1 is changed based on actual quantity executed, the bidder shall give suitable rebate to maintain your standing as L-1. Since this aspect can be assessed at the end of execution, necessary adjustment will be effected at the end of execution in final bill. This condition shall not be applicable where the tender is finalized through Reverse Auction.
11	BHEL reserves the right to rationalize the rates, quoted by L-1 bidder against unit rate/ optional items with respect to item-wise lowest rates (amongst participating bidders), before placement of order. BHEL also reserves the right to place order for any / all optional items at any time during the contract period.
12	The vendor will have to quote uniform rates for items under the category of Laptop, PC, Printer, Plotter, Scanner, Multifunction device, UPS, Server, Switch, Projector, RF Device and Wireless Access Point for similar make and model irrespective of location as these items will be diverted from one site to another from time to time (as per scope of the tender- FM sites).
13	The order shall be placed for Two (2) years , however payment shall be made quarterly on pro-rata basis and the total quarterly value shall be derived by dividing the total value for two years by eight (8) quarters except for the rate for the items covered under "Suratgarh Customer" scope. The total quarterly value for the items covered under "Suratgarh Customer" scope shall be derived on pro-rata basis from the total lumpsum charges ( for AMC & Breakdown Maintenance for the applicable period).
14	The quantity under the scope of AMC, LAN & FM Sites given in the scope are provisional and may vary to any extent at the time of Execution of work. Quoted Rates of the items shall remain firm throughout the contract period within the variation of (+) 30 (Thirty percent) percent of the total contract price.

**VOLUME-III (PRICE SCHEDULE)**  
**SUMMARY SHEET (CALCULATION)**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

ANNEXURE - XII  
VALUE IN RS.

**A. NO. OF IT EQUIPMENT TO BE COVERED UNDER AMC**

ITEM DESCRIPTION	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REFERENCE	TOTAL VALUE FOR TWO YEARS (IN RS.)
LAPTOP	NO(S)	120	66	<a href="#">ANNEXURE - XII (LAPTOP)</a>	0
PC	NO(S)	621	315	<a href="#">ANNEXURE - XII (PC)</a>	0
PRINTER	NO(S)	102	56	<a href="#">ANNEXURE - XII (PRINTER)</a>	0
SERVER	NO(S)	29	29	<a href="#">ANNEXURE - XII (SERVER)</a>	0
FIREWALL	NO(S)	3	3	<a href="#">ANNEXURE - XII (FIREWALL)</a>	0
MULTIFUNCTION DEVICES	NO(S)	29	29	<a href="#">ANNEXURE - XII (MULTIFUNCTION)</a>	0
PLOTTER	NO(S)	14	14	<a href="#">ANNEXURE - XII (PLOTTER)</a>	0
ROUTER	NO(S)	2	2	<a href="#">ANNEXURE - XII (ROUTER)</a>	0
SCANNER	NO(S)	52	52	<a href="#">ANNEXURE - XII (SCANNER)</a>	0
UPS	NO(S)	52	52	<a href="#">ANNEXURE - XII (UPS)</a>	0
GRAPHICS WORKSTATION	NO(S)	1	1	<a href="#">ANNEXURE - XII (GW)</a>	0
SWITCH	NO(S)	82	82	<a href="#">ANNEXURE - XII (SWITCH)</a>	0
PROJECTOR	NO(S)	35	35	<a href="#">ANNEXURE - XII (PROJECTOR)</a>	0
ULTRIUM	NO(S)	4	4	<a href="#">ANNEXURE - XII (ULTRIUM)</a>	0
SAN STORAGE	NO(S)	1	1	<a href="#">ANNEXURE - XII (SAN)</a>	0
PLASMA MONITOR	NO(S)	2	2	<a href="#">ANNEXURE - XII (PLASMA)</a>	0
RF DEVICE	NO(S)	4	4	<a href="#">ANNEXURE - XII (RF)</a>	0
RACK	NO(S)	4	4	<a href="#">ANNEXURE - XII (RACK)</a>	0
TFT MONITOR WITH KVM SWITCH	NO(S)	5	5	<a href="#">ANNEXURE - XII (KVM)</a>	0
WIRELESS ACCESS POINTS	NO(S)	19	19	<a href="#">ANNEXURE - XII (WIRELESS)</a>	0
<b>TOTAL :</b>		<b>1181</b>	<b>775</b>		<b>0</b>

**B. NO. OF LAN NODES OF PSER HQ & SITES**

DESCRIPTION	UOM	NO. OF NODES	ANNEXURE REFERENCE	TOTAL VALUE FOR TWO YEARS (IN RS.)
LAN	NO(S)	1255	<a href="#">ANNEXURE - XII (LAN)</a>	0
<b>TOTAL :</b>		<b>1255</b>		<b>0</b>

**C. NO. OF SITES UNDER FM**

DESCRIPTION	UOM	NO. OF SITES	ANNEXURE REFERENCE	TOTAL VALUE FOR TWO YEARS (IN RS.)
FM SITES	NO(S)	29	<a href="#">ANNEXURE - XII (FM)</a>	0
<b>TOTAL :</b>		<b>29</b>		<b>0</b>

**D. SURATGARH CUSTOMER**

DESCRIPTION	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REFERENCE	TOTAL VALUE FOR TWO YEARS (IN RS.)
SURATGARH CUSTOMER	NO(S)	6	6	<a href="#">ANNEXURE - XII (SURATGARH CUSTOMER)</a>	0
<b>TOTAL :</b>		<b>6</b>	<b>6</b>		<b>0</b>

**VOLUME-III (PRICE SCHEDULE)  
SUMMARY SHEET (CALCULATION)**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

ANNEXURE - XII  
VALUE IN RS.

**TOTAL AMC, LAN, FM & SURATGARH CUSTOMER**

SL. NO.	HEAD	TOTAL VALUE FOR TWO YEARS (IN RS.)
A.	AMC	0
B.	LAN	0
C.	FM	0
D.	SURATGARH CUSTOMER	0
<b>** GRAND TOTAL (AMC, LAN, FM &amp; SURATGARH CUSTOMER) IN RS. :</b>		<b>0</b>

**\*\* EVALUATION CRITERIA : EVALUATION WILL BE ON THE BASIS OF GRAND TOTAL OF (A+B+C+D). OPTIONAL ITEMS SHALL NOT CONSIDERED FOR EVALUATION.**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - LAPTOP**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII  
(LAPTOP)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF.	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	LAPTOP	LAPTOP COMPUTER MAKE : HP COMPAQ MODEL: NC6400	HP	NO(S)	45	25	ANNEXURE - II (LAPTOP) (Sl. No. 1 to 45) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
2	LAPTOP	LAPTOP NX6320	HP	NO(S)	53	30	ANNEXURE - II (LAPTOP) (Sl. No. 46 to 98) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
3	LAPTOP	LAPTOP NC2400 SPECIAL LIGHT WEIGHT	HP	NO(S)	4	2	ANNEXURE - II (LAPTOP) (Sl. No. 99 to 101 & 103) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
4	LAPTOP	LAPTOP HP PROBOOK HP 450	HP	NO(S)	1	1	ANNEXURE - II (LAPTOP) (Sl. No. 102) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
5	LAPTOP	DELL LATITUDE E4300	DELL	NO(S)	9	3	ANNEXURE - II (LAPTOP) (Sl. No. 104 to 112) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
6	LAPTOP	LENOVO THINKPAD L420	LENEVO	NO(S)	5	2	ANNEXURE - II (LAPTOP) (Sl. NO. 113 to 117) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
7	Laptop	Computer	Acer	NO(S)	2	2	ANNEXURE - II (LAPTOP) (Sl. No. 118 & 119) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
8	Laptop	Computer	Dell	NO(S)	1	1	ANNEXURE - II (LAPTOP) (Sl. No. 120) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
<b>TOTAL</b>					<b>120</b>	<b>66</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PC**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

ANNEXURE - XII (PC)

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	PC	PC P-IV 17 WITH COLOUR MONITOR, KB, MOUSE	HP	NO(S)	29	15	ANNEXURE - II (PC) (Sl. No. 1 to 29) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
2	PC	PC P-IV 17 COLOUR MONITOR MODEL: HP DC 7600	HP	NO(S)	74	37	ANNEXURE - II (PC) (Sl. No. 30 to 96; Sl. No. 607 to 613 ) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
3	PC	PC WITH 17 TFT MONITOR HP COMPAQ DC 7800	HP	NO(S)	296	148	ANNEXURE - II (PC) (Sl. No. 97 to 392) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
4	PC	PC WITH 17 TFT MONITOR HCL INFINITY TRU SL 1300	HCL	NO(S)	215	108	ANNEXURE - II (PC) (Sl. No. 393 to 606 & 614) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
5	PC	Computer	HP	NO(S)	1	1	ANNEXURE - II (PC) (Sl. No. 615) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
6	PC	HP Compaq	HP	NO(S)	3	3	ANNEXURE - II (PC) (Sl. No. 616, 618 & 619) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
7	PC	HCL	HP	NO(S)	1	1	ANNEXURE - II (PC) (Sl. No. 617) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
8	PC	HP COMPAQ	HP	NO(S)	2	2	ANNEXURE - II (PC) (Sl. No. 620 & 621) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
<b>TOTAL</b>					<b>621</b>	<b>315</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - **PRINTER****

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

ANNEXURE - XII  
(PRINTER)

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2300N	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 1) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
2	PRINTER	PRINTER NETWORK LASERJET BLACK:HP LJ 2420DN	HP	NO(S)	10	5	ANNEXURE - II (PRINTER) (Sl. No. 2 to 4; Sl. No. 6 to 8; Sl. No. 10 to 13) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
3	PRINTER	PRINTER COLOUR LASERJET A4 :HP LJ 4700 DN	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 5) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
4	PRINTER	HP OFFICEJET PRO 8000 DN	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 9) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
5	PRINTER	PRINTER LASERJET : P2015DN	HP	NO(S)	10	7	ANNEXURE - II (PRINTER) (Sl. No. 14 to 23) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
6	PRINTER	PRINTER NETWORK LASERJET : HP LJ P3005	HP	NO(S)	34	17	ANNEXURE - II (PRINTER) (Sl. No. 24 to 57) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
7	PRINTER	PRINTER NETWORK HP COLOUR LASERHJET CP3525 DN	HP	NO(S)	7	3	ANNEXURE - II (PRINTER) (Sl. No. 58 to 64) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
8	PRINTER	HP PRINTER:LASER JET P2055DN	HP	NO(S)	34	17	ANNEXURE - II (PRINTER) (Sl. No. 65 to 98) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
9	PRINTER	PRINTER HP LASERJET P1566	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 99) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
10	Printer	Laser Jet 1160	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 100) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
11	Printer	Laser Jet 4250N	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 101) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
12	Printer	HP-3010 LJ	HP	NO(S)	1	1	ANNEXURE - II (PRINTER) (Sl. No. 102) THE TENDERED SCOPE IS OUT OF THESE ONLY		0
<b>TOTAL</b>					<b>102</b>	<b>56</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SERVER**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

BACK TO SUMMARY SHEET							ANNEXURE - XII (SERVER)		
SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	SERVER	SERVER 2 WAY RACK PROLIANT DL 380 G4	HP	NO(S)	5	5	ANNEXURE - II (SERVER) (Sl. No. 1 to 5)		0
2	SERVER	SERVER RACK HP PROLIANT DL 580 G48GB RAM	HP	NO(S)	15	15	ANNEXURE - II (SERVER) (Sl. No. 6 to 19 & 21)		0
3	SERVER	SERVER RACK HP PROLIANT DL 380 R05 CTO CHISSIS (SR01H(A1)) 2 Way Rack	HP	NO(S)	1	1	ANNEXURE - II (SERVER) (Sl. No. 20)		0
4	SERVER	2 WAY HP PROLIANT DL380 G7	HP	NO(S)	8	8	ANNEXURE - II (SERVER) (Sl. No. 22 to 29)		0
<b>TOTAL</b>					<b>29</b>	<b>29</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

BACK TO SUMMARY SHEET

**LIST OF IT EQPT TO BE COVERED UNDER AMC - FIREWALL**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII  
(FIREWALL)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	FIREWALL	FIRE WALL : NETWORK ASE 5520	CISCO	NO(S)	1	1	ANNEXURE - II (FIREWALL) (Sl. No. 1)		0
2	FIREWALL	CISCO ASA 5520 NETWORK FIREWALL	CISCO	NO(S)	2	2	ANNEXURE - II (FIREWALL) (Sl. No. 2 & 3)		0
<b>TOTAL</b>					<b>3</b>	<b>3</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - MULTIFUNCTION DEVICES**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

ANNEXURE - XII  
(MULTIFUNCTION)

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER AND PHONEMODEL: HP OFFICE JET 4255	HP	NO(S)	1	1	ANNEXURE - II (MULTIFUNCTION) (Sl. No. 1)		0
2	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER AND PHONEMODEL: HP OFFICE JET 5610	HP	NO(S)	2	2	ANNEXURE - II (MULTIFUNCTION) (Sl. No. 2 & 3)		0
3	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: HP OFFICE JET 4580	HP	NO(S)	20	20	ANNEXURE - II (MULTIFUNCTION) (Sl. No. 4 to 23)		0
4	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER AND PHONEMODEL: HP OFFICE JET 4500	HP	NO(S)	2	2	ANNEXURE - II (MULTIFUNCTION) (Sl. No. 24 & 25)		0
5	MULTIFUNCTION DEVICE	MULTIFUNCTION OFFICE EQUIPMENT- ALL IN ONE PRINTER FAX SCANNER COPIER MODEL: DESKJET INK ADVANTAGE 2645 AIO	HP	NO(S)	4	4	ANNEXURE - II (MULTIFUNCTION) (Sl. No. 26 to 29)		0
<b>TOTAL</b>					<b>29</b>	<b>29</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PLOTTER**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

[BACK TO SUMMARY SHEET](#)

**ANNEXURE - XII  
(PLOTTER)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	PLOTTER	PLOTTER DESIGNJET (A0) : 500PS 42	HP	NO(S)	14	14	ANNEXURE - II (PLOTTER) (Sl. No. 1 to 14)		0
<b>TOTAL</b>					<b>14</b>	<b>14</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

[BACK TO SUMMARY SHEET](#)

**LIST OF IT EQPT TO BE COVERED UNDER AMC - **ROUTER****  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107    Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII  
(ROUTER)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	ROUTER	ROUTER : CISCO 2621 ROUTER	CISCO	NO(S)	2	2	ANNEXURE - II (ROUTER) (Sl. No. 1 & 2)		0
<b>TOTAL</b>					<b>2</b>	<b>2</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SCANNER**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII  
(SCANNER)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	SCANNER	SCANNER HPSCANJETSJ 4500 C	HP	NO(S)	2	2	ANNEXURE - II (SCANNER) (Sl. No. 1 & 2)		0
2	SCANNER	SCANNER HPSCANJETSJ 2400 C	HP	NO(S)	1	1	ANNEXURE - II (SCANNER) (Sl. No. 3)		0
3	SCANNER	SCANNER HP SCANJET 3970C	HP	NO(S)	1	1	ANNEXURE - II (SCANNER) (Sl. No. 4)		0
4	SCANNER	SCANNER HP SCANJET 4070C	HP	NO(S)	1	1	ANNEXURE - II (SCANNER) (Sl. No. 5)		0
5	SCANNER	SCANNER HP SCANJET 8250	HP	NO(S)	7	7	ANNEXURE - II (SCANNER) (Sl. No. 6 to 12)		0
6	SCANNER	SCANNER HP HIGHEND A3 SIZE MODEL : FI-5750C	FUJITSU	NO(S)	1	1	ANNEXURE - II (SCANNER) (Sl. No. 13)		0
7	SCANNER	SCANNER HP SCANJET 8290	HP	NO(S)	4	4	ANNEXURE - II (SCANNER) (Sl. No. 14 to 17)		0
8	SCANNER	SCANNER HP SCANJET 8350	HP	NO(S)	14	14	ANNEXURE - II (SCANNER) (Sl. No. 18 to 31)		0
9	SCANNER	HP SCANJET N 8420	HP	NO(S)	20	20	ANNEXURE - II (SCANNER) (Sl. No. 32 to 51)		0
10	SCANNER	HP Scanner 8290	HP	NO(S)	1	1	ANNEXURE - II (SCANNER) (Sl. No. 52)		0
<b>TOTAL</b>					<b>52</b>	<b>52</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - UPS**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII (UPS)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	UPS	UPS-10 KVA ON LINE	SWITCHING ELECTRONIC	NO(S)	2	2	ANNEXURE - II (UPS) (Sl. No. 1 & 2)		0
2	UPS	UPS : 10.0 KVA	APC	NO(S)	1	1	ANNEXURE - II (UPS) (Sl. No. 3)		0
3	UPS	UPS : 5.0 KVA MODEL : HCE-1	HINDUSTAN CONTROL	NO(S)	1	1	ANNEXURE - II (UPS) (Sl. No. 4)		0
4	UPS	UPS : 6.0 KVA MODEL : HCE-1	HINDUSTAN CONTROL	NO(S)	1	1	ANNEXURE - II (UPS) (Sl. No. 5)		0
5	UPS	UPS-10 KVA SUPER 400D	EMERSON	NO(S)	7	7	ANNEXURE - II (UPS) (Sl. No. 6 & 7; Sl. No. 10, 17; Sl. No. 35 to 37)		0
6	UPS	UPS-6 KVA GXT MT	EMERSON	NO(S)	2	2	ANNEXURE - II (UPS) (Sl. No. 8 & 9)		0
7	UPS	UPS-3 KVA	EMERSON	NO(S)	10	10	ANNEXURE - II (UPS) (Sl. No. 11 to 13; Sl. No. 15 & 16; Sl. No. 19 & 20; Sl. No. 30 & 31; Sl. No. 33)		0
8	UPS	UPS-6 KVA	EMERSON	NO(S)	7	7	ANNEXURE - II (UPS) (Sl. No. 14, 18, 22, 28, 29, 32, 34)		0
9	UPS	UPS-1 KVA	EMERSON	NO(S)	6	6	ANNEXURE - II (UPS) (Sl. No.21; Sl. No. 23 to 27)		0
10	UPS	UPS-10 KVA : 5410D (2X10 KVA UPS)	EMERSON	NO(S)	2	2	ANNEXURE - II (UPS) (Sl. No. 38 & 39)		0
11	UPS	6 KVA UPS ONLINE GXT 6000 LMT	EMERSON	NO(S)	11	11	ANNEXURE - II (UPS) (Sl. No. 40 to 43; Sl. No. 45 to 47; Sl. No. 49 to 52)		0
12	UPS	2 KVA EMERSON 3000 LMT	EMERSON	NO(S)	2	2	ANNEXURE - II (UPS) (Sl. No. 44 & 48)		0
<b>TOTAL</b>					<b>52</b>	<b>52</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - GRAPHICS WORKSTATION**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

<a href="#">BACK TO SUMMARY SHEET</a>							ANNEXURE - XII (GW)		
SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	GRAPHICS WORKSTATION	DELL PRECISION T3400	DELL	NO(S)	1	1	ANNEXURE - II (GW) (Sl. No. 1)		0
<b>TOTAL</b>					<b>1</b>	<b>1</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

[BACK TO SUMMARY SHEET](#)

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SWITCH**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

BACK TO SUMMARY SHEET							ANNEXURE - XII (SWITCH)		
SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	SWITCH	SWITCH : 24 PORT SWITCH: WS-C 2950T	CISCO	NO(S)	18	18	ANNEXURE - II (SWITCH) (Sl. No. 1, 2, 12, 13; Sl. No. 56 to 69)		0
2	SWITCH	SWITCH : CI 24 PORT 10/100 AUTOSENSING AUTONEGOTIATING CATALYST SWITCH	CISCO	NO(S)	3	3	ANNEXURE - II (SWITCH) (Sl. No. 3, 4, 5)		0
3	SWITCH	SWITCH : MODEL-WS-C2950-12 (VPN EQPT.)	CISCO	NO(S)	1	1	ANNEXURE - II (SWITCH) (Sl. No. 6)		0
4	SWITCH	SWITCH :12 PORT(VPN EQPT.)	CISCO	NO(S)	1	1	ANNEXURE - II (SWITCH) (Sl. No. 7)		0
5	SWITCH	SWITCH : 10/1000 MBPS 24 PORT	CISCO	NO(S)	3	3	ANNEXURE - II (SWITCH) (Sl. No. 8 to 10)		0
6	SWITCH	SWITCH : 48 PORT 10/100 MBPSMODEL: WS-C2950T 45	CISCO	NO(S)	1	1	ANNEXURE - II (SWITCH) (Sl. No. 11)		0
7	SWITCH	SWITCH : 48 PORT 10/100 MBPSMODEL: WS-C2950G-48-EI	CISCO	NO(S)	2	2	ANNEXURE - II (SWITCH) (Sl. No. 14 & 15)		0
8	SWITCH	SWITCH : 24 PORT MANAGEDMODEL : DES 3526	D-LINK	NO(S)	7	7	ANNEXURE - II (SWITCH) (Sl. No. 16, 18, 19, 49, 53, 54, 55)		0
9	SWITCH	SWITCH : 24 PORT MANAGED MODEL : DGS-3024	D-LINK	NO(S)	1	1	ANNEXURE - II (SWITCH) (Sl. No. 17)		0
10	SWITCH	SWITCH : LAYER 3 CISCO CATALYST 3560 24 PORT	CISCO	NO(S)	6	6	ANNEXURE - II (SWITCH) (Sl. No. 20 to 23; Sl. No. 70 & 71)		0
11	SWITCH	SWITCH : CISCO CATALYST 2960, 24 PORT	CISCO	NO(S)	20	20	ANNEXURE - II (SWITCH) (Sl. No. 24, 25, 28, 34, 35; Sl. No. 46 to 48; Sl. No. 50 to 52; Sl. No. 72 to 79; Sl. No. 82)		0
12	SWITCH	SWITCH (POE) : CISCO CATALYST 3560 24 PORT	CISCO	NO(S)	2	2	ANNEXURE - II (SWITCH) (Sl. No. 26 & 27)		0
13	SWITCH	SWITCH : 24 PORT MANAGEDSWITCH	D-LINK	NO(S)	15	15	ANNEXURE - II (SWITCH) (Sl. No. 29 to 33; Sl. No. 36 to 45)		0
14	SWITCH	NETWORK POWER SWITCH (NPS) MODEL- NPS-1,R-32,32A.	EMERSON	NO(S)	2	2	ANNEXURE - II (SWITCH) (Sl. No 80 & 81)		0
<b>TOTAL</b>					<b>82</b>	<b>82</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PROJECTOR**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

BACK TO SUMMARY SHEET							ANNEXURE - XII (PROJECTOR)		
SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	PROJECTOR	PROJECTOR:MULTIMEDIA MODEL-PLUS DEGITAL U2X2000(PLUS COMPUTER DATA DLP PROJECTOR WITH CABLES CARRYING BAG REMOT CONTROLOPERATIONAL MANUAL)	PLUS CORPORATION	NO(S)	1	1	ANNEXURE - II (PROJECTOR) (Sl. No. 1)		0
2	PROJECTOR	PROJECTOR:MULTIMEDIA -01 NO. (PLUS COMPUTER DATA DLP PROJECTOR CEILING MOUNT KIT AND CABLING HARD CARRYING CASE VGA SPLITTER)	PLUS CORPORATION	NO(S)	1	1	ANNEXURE - II (PROJECTOR) (Sl. No. 2)		0
3	PROJECTOR	PROJECTOR:MULTIMEDIA MODEL-PLUS DEGITAL U2-1200(PLUS COMPUTER DATA DLP PROJECTOR WITH CABLES CARRYING BAG REMOT CONTROLOPERATIONAL MANUAL)	PLUS CORPORATION	NO(S)	1	1	ANNEXURE - II (PROJECTOR) (Sl. No. 3)		0
4	PROJECTOR	PROJECTOR : MULTIMEDIA MODEL: XD 70U	MITSUBISHI	NO(S)	2	2	ANNEXURE - II (PROJECTOR) (Sl. No. 4 & 5)		0
5	PROJECTOR	PROJECTOR:MULTIMEDIAMODEL : GD20X	GLOBUS INFOCOM	NO(S)	2	2	ANNEXURE - II (PROJECTOR) (Sl. No. 6 & 7)		0
6	PROJECTOR	PROJECTOR:MULTIMEDIA WITH WIRELESS KIT AND ACCESSORIESMODEL : BENQ MP721MAKE : BENQ	BENQ	NO(S)	1	1	ANNEXURE - II (PROJECTOR) (Sl. No. 8)		0
7	PROJECTOR	PROJECTOR:MULTIMEDIAMODEL : GD20X	BENQ	NO(S)	3	3	ANNEXURE - II (PROJECTOR) (Sl. No. 9, 10, 11)		0
8	PROJECTOR	PROJECTOR:MULTIMEDIA WITH WIRELESS KIT AND ACCESSORIESMODEL : INFOCUS IN2104	HCL INFOSYSTEM	NO(S)	8	8	ANNEXURE - II (PROJECTOR) (Sl. No. 12 to 15; Sl. No. 17 to 20)		0
9	PROJECTOR	PROJECTOR:MULTIMEDIA MITSHUBISHI EX 200U	MITSUBISHI	NO(S)	1	1	ANNEXURE - II (PROJECTOR) (Sl. No. 16)		0
10	PROJECTOR	MULTIMEDIA PROJECTOR MODEL:TAXAN PS-125X	TAXAN	NO(S)	3	3	ANNEXURE - II (PROJECTOR) (Sl. No. 21 to 23)		0
11	PROJECTOR	PROJECTOR: MULTIMEDIA PROJECTOR MODEL: INFOCUS IN-105	INFOCUS	NO(S)	12	12	ANNEXURE - II (PROJECTOR) (Sl. No. 24 to 35)		0
<b>TOTAL</b>					<b>35</b>	<b>35</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - ULTRIUM**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII  
(ULTRIUM)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	ULTRIUM	ULTRIUM AUTO LOADER	HP	NO(S)	4	4	ANNEXURE - II (ULTRIUM) (Sl. No. 1 to 4)		0
<b>TOTAL</b>					<b>4</b>	<b>4</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SAN STORAGE**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII (SAN)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						<b>A</b>		<b>B</b>	<b>C = 8 X (A X B)</b>
1	SAN STORAGE	HP EVA 4400	HP	NO(S)	1	1	ANNEXURE - II (SAN) (Sl. No. 1)		0
<b>TOTAL</b>					<b>1</b>	<b>1</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - PLASMA MONITOR**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

BACK TO SUMMARY SHEET							ANNEXURE - XII (PLASMA)		
SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	PLASMA MONITOR	PLASMA MONITOR 42 MODEL:MT42PZ41V	LG	NO(S)	1	1	ANNEXURE - II (PLASMA) (Sl. No. 1)		0
2	PLASMA MONITOR	PLASMA TV MODEL:SOPX4R-TB ATRLLAD	LG	NO(S)	1	1	ANNEXURE - II (PLASMA) (Sl. No. 2)		0
<b>TOTAL</b>					<b>2</b>	<b>2</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - RF DEVICE**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

BACK TO SUMMARY SHEET							ANNEXURE - XII (RF)		
SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	RF DEVICE	RF DEVICE MODEL-5780BH10	CAMIUM	NO(S)	4	4	ANNEXURE - II (RF) (Sl. No. 1 to 4)		0
<b>TOTAL</b>					<b>4</b>	<b>4</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

BACK TO SUMMARY SHEET

**LIST OF IT EQPT TO BE COVERED UNDER AMC - RACK**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

ANNEXURE - XII (RACK)

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	RACK	RACK : 42 U RACK	HP	NO(S)	3	3	ANNEXURE - II (RACK) (Sl. No. 1, 3, 4)		0
2	RACK	RACK : 42 U RACK	null	NO(S)	1	1	ANNEXURE - II (RACK) (Sl. No. 2)		0
<b>TOTAL</b>					<b>4</b>	<b>4</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - KVM SWITCH WITH TFT MONITOR**

**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

BACK TO SUMMARY SHEET						ANNEXURE - XII (KVM)			
SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	TFT MONITOR_KVM SWITCH	SWITCH : 16 PORT KVM	null	NO(S)	1	1	ANNEXURE - II (KVM) (Sl. No. 1)		0
2	TFT MONITOR_KVM SWITCH	TFT MONITOR_KVM SWITCH	null	NO(S)	4	4	ANNEXURE - II (KVM) (Sl. No. 2 to 5)		0
<b>TOTAL</b>					<b>5</b>	<b>5</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

SIGNATURE OF THE BIDDER  
WITH SEAL AND DATE

**BACK TO SUMMARY SHEET**

**LIST OF IT EQPT TO BE COVERED UNDER AMC - WIRELESS**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

**BACK TO SUMMARY SHEET**

**ANNEXURE - XII (WIRELESS)**

SL NO	TYPE	ITEM_DESC	MAKE	UOM	QUANTITY	TENDER SCOPE	ANNEXURE REF	UNIT RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS)
						A		B	C = 8 X (A X B)
1	WIRELESS	WIRELESS ACCESS POINT,(AIRONET 1200 SERIES)	CISCO	NO(S)	7	7	ANNEXURE - II (WIRELESS) (Sl. No. 1 to 7)		0
2	WIRELESS	WIRELESS ACCESS POINT (AIR1252AG-A-K9)	CISCO	NO(S)	12	12	ANNEXURE - II (WIRELESS) (Sl. No. 8 to 19)		0
<b>TOTAL</b>					<b>19</b>	<b>19</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LAN NODES TO BE COVERED UNDER AMC&FM**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(Vii):107      Date 18/01/2016.**

ANNEXURE - XII (LAN)

**BACK TO SUMMARY SHEET**

<b>MAINTENANCE OF LOCAL AREA NETWORK (COVERING MANPOWER SUPPORT, SPARES &amp; SERVICES)</b>				
SL. NO.	LOCATION	NO. OF NODES (TENDER SCOPE)	RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS.)
			A	B = (A X 8)
1	BARAUNI EPC	50		0
2	BARAUNI-TPS	10		0
3	BARH	30		0
4	BCPL-LEPETKETA	20		0
5	BOKARO-A	50		0
6	BRBCL - NABINAGAR	40		0
7	DURGAPUR (DPL)	30		0
8	IB VALLEY	40		0
9	IISCO - BURNPUR	20		0
10	IPCL HALDIA	30		0
11	KAMENG (NEEPCO)	10		0
12	KODERMA	20		0
13	KOLKATA	300		0
14	MARWA	40		0
15	MONARCHAK-NEEPCO	10		0
16	MTPP - KANTI	50		0
17	NAMRUP	20		0
18	NORTH KARANPURA	40		0
19	NPGL - NABINAGAR	40		0
20	NTPC-BONGAIGAON	30		0
21	OIL DULIAJAN ASSAM	10		0
22	PALATONA	20		0
23	PARADIP (IOCL)	50		0
24	PATNA	10		0
25	SAGARDIGHI WBPCL	70		0
26	SINGARENI COLLIERIES TPS	70		0
27	SURATGARH TPS	70		0
28	TEESTA	15		0
29	VIZAG HNPCL	60		0
<b>TOTAL LAN NODES</b>		<b>1255</b>		<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "RATE PER QUARTER (IN RS.)" ONLY**

**BACK TO SUMMARY SHEET**

**LOCATIONS TO BE COVERED UNDER FM & PM**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

[BACK TO SUMMARY SHEET](#)

ANNEXURE - XII (FM)

SL. NO.	SITE NAME (TENDER SCOPE)	ADDRESS	MONTHLY PREVENTIVE MAINTENANCE VISIT REQUIRED (YES/NO)	RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS.)
				A	B = (A X 8)
1	PSER-HQ	POWER SECTOR EASTERN REGION, BHEL BHAWAN, PLOT NO. DJ 9/, SECTOR II, SALT LAKE CITY, KARUNAMOYEE, KOLKATA-700091	NO		0
2	BARAUNI EPC	BSEB Barauni (2X250 MW),BHEL Site Office,AT + PO -Barauni Thermal Power Station, District - Begusarai, Pin-851116	YES		0
3	BARH	BARH SITE OFFICE, Ganga Bihar, NTPC Transit Camp, P.O. Barh, Patna Bihar-803213	YES		0
4	BCPL LAPETKATA	BHEL Site Office, 1X53 MW Captive Power Plant, M/s. Brahmaputra Cracker & Polymer Limited, Lepetkata, Natun Gaon, A.T. Road, P.O. Mahanghat, Dibrugarh-786008 (Assam)	YES		0
5	BOKARO A	BHEL SITE OFFICE, BOKARO A, P.O. Bokaro Thermal, DVC, Distt: Bokaro, Jharkand-829107	YES		0
6	BRBCL NABINAGAR	BHEL Site Office, 4x250 MW Nabinagar Project BRBCL P.O. Nabinagar Dehri-sonse, Dist. Aurangabad, Bihar - 824 303	YES		0
7	DURGAPUR DPL	BHEL Site Office, 1 x 250 MW, Durgapur Project Limited, Dist. Burdwan, Durgapur-713201 (West Bengal)	YES		0
8	DURGAPUR DSTPS	BHEL SITE OFFICE, 2 X 500 MW DSTPS PROJECT, P.O. Andal, Dist: Burdwan-713321, (West Bengal)	NO		0
9	IB VALLEY	BHEL Site Office, 2X660MW, UNIT 3 and 4, IB Thermal Power Station-OPGCL Banharpalli, Jharsugura, Orissa- 768234	YES		0
10	IISCO BURNPUR	BHEL SITE OFFICE, Flat No. A5, Block-B, Abhishek Apartment,Gopalpur, Asansol, Dist. Burdwan-713304	NO		0
11	IPCL HALDIA	BHEL Site Office, IPCL Haldia 3x150 MW Thermal Power Project, Vill - Kashberia, P.O. Shibrannagar, P.S. Bhabanipur, Haldia, Dist. Purba Medinipur-721635 (West Bengal)	YES		0
12	KAMENG NEEPCO	BHEL TRANSIT CAMP, Opp:BSNL Campus, Upper Bhalukpong, West Kameng District, Arunachal Pradesh-790114	NO		0
13	KODERMA	BHEL SITE OFFICE, 2 X 500 MW Koderma Power Project, Bnajhedih, P.O. Jhumri Telaiya, Dist. Koderma-825409 (Jharkand)	NO		0
14	MARWA	BHEL SITE OFFICE, CSEB, 2 X 500 MW Marwa TPP, Tendubhata, P.O:Basantpur Via Champa, Dist:Janjgir near Champa, Chattisgarh-495671	YES		0
15	MUZAFFARPUR KANTI	Muzaffarpur TPP, Kanti Phase II, (2x195 MW) BHEL Site Office, Muzaffarpur TPP, Kanti Dist. Muzaffarpur, Bihar-843130	YES		0
16	NAMRUP	BHEL Site Office, NBPL Site Office, Namrup Thermal Power Station (NTPS) Namrup, P.O. N.T.P.S., Distt. Dibrugarh, Assam - 786622	YES		0
17	NORTH KARANPURA	3 X 660 MW, NORTH KARANPURA SUPER THERMAL POWER PROJECT NTPC, TANDWA, DIST CHATRA, JHARKHAND	YES		0
18	NGCL NABINAGAR	BHEL Site Office, 3 X 660 MW Nabinagar Project NPGCL Shivanpur, P.O.- Ankhora, Dist.- Aurangabad, Bihar, PIN: 824303	YES		0
19	NTPC BONGAIGAON	BHEL SITE OFFICE, 3 X 250 MW NTPC-Bongaigaon TPP, P.O. Salakati, Dist. Kokrajhar (BTAD) , ASSAM-783369	YES		0
20	PATALANA	BHEL Site Office,P.O. Palatana, Dist.- South Tripura, StateTripura-799116	NO		0

**LOCATIONS TO BE COVERED UNDER FM & PM**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

[BACK TO SUMMARY SHEET](#)

ANNEXURE - XII (FM)

SL. NO.	SITE NAME (TENDER SCOPE)	ADDRESS	MONTHLY PREVENTIVE MAINTENANCE VISIT REQUIRED (YES/NO)	RATE PER QUARTER (IN RS)	TOTAL VALUE FOR TWO YEARS (IN RS.)
21	PARADIP IOCL	BHARAT HEAVY ELECTRICALS LIMITED,IOCL-PARADIP REFINERY PROJECT,JHIMANI (POST), JAGATSINGHPUR DISTRICT,ORISSA-754141	YES		0
22	PATNA SAS	BHEL-SAS, B Block, 3rd Floor, Maurya Lok Complex, Dakbunglow Road, Patna-800001	YES		0
23	PUNATSANGCHU- ALIPURDUAR OFFICE	C/O BHEL "Sharma Sadan" Sh Pramod Sharma Bhanu Bhakta Toll Dist: Alipurduar Jaigaon. 736182 WB	NO		0
24	SAGARDIGHI WBPDC	BHEL Site Office,Sagardighi (Extn.) Project-Ph.II-(2x500 MW (Extn.)),Sagardighi,Dt. Murshidabad, West Bengal-742237	YES		0
25	SINGARENI COLLIERIES TPS	BHEL SITE OFFICE (2X600 MW), SINGARENI TPP, PEGADAPALLI (VILLAGE), JAIPUR(MONDAL) DIST. ADILABAD, ANDHRA PRADESH-504216	YES		0
26	SURATGARH TPS	BHEL SITE OFFICE, 2nd FLOOR, ADMINISTRATIVE BUILDING, RRVUNL, PRABHAT NAGAR, SURATGARH STPS, DIST: SRIGANGANAGAR, PIN : 335804, RAJASTHAN	YES		0
27	TEESTA	BHEL SITE OFFICE, (NHPC ,TLDP-4), P.O. Kalijhora, Dist Darjeeling, (W.B)	NO		0
28	TURIAL HEP	Site Office: BHEL Transit Flat cum Site Office, NEEPCO TURIAL HEP, Mizoram; Silchar Address: C/o NEEPCO IB, Silchar City Arcade, 4th Floor, Rangerkhari, Sonai Road, Silchar-788005	NO		0
29	VIZAG HNPCL	HINDUJA NATION POWER CORPORATION LTD,1040 MW VIZAG PROJECT,VILLAGE :PALAVALASA , POST:T.DEVADA ,PEDAGANTAYADA MANDAL,STEEL PLANT (SUB OFFICE),VISHAKHAPATNAM - 530031	YES		0
<b>TOTAL</b>					<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "RATE PER QUARTER (IN RS.)" ONLY**

[BACK TO SUMMARY SHEET](#)

**LIST OF IT EQPT TO BE COVERED UNDER AMC - SURATGARH CUSTOMER**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107      Date 18/01/2016.**

[BACK TO SUMMARY SHEET](#)

ANNEXURE - XII  
(SURATGRAH CUSTOMER)

SL NO	TYPE	ITEM_DESC	MAKE	QUANTITY	TENDER SCOPE	ANNEXURE REF	LUMPSUM UNIT CHARGES FOR AMC & BREAKDOWN MAINTENANCE FROM THE AMC START DATE TILL CONTRACTUAL COMPLETION DATE (IN RS)	LUMPSUM TOTAL CHARGES FOR AMC & BREAKDOWN MAINTENANCE FROM THE AMC START DATE TILL CONTRACTUAL COMPLETION DATE (IN RS)
					<b>A</b>		<b>B</b>	<b>C = A X B</b>
1	PRINTER	HP LASER 5200N PRINTER	HP	2	2	ANNEXURE - II (SURATGARH CUSTOMER) (SI. No. 1 & 2)		0
2	PRINTER	PRINTER HP COLOR LASERJET 5225DN	HP	1	1	ANNEXURE - II (SURATGARH CUSTOMER) (SI. No. 3)		0
3	PLOTTER	PLOTTER HP DNJ 790 PS 44:	HP	2	2	ANNEXURE - II (SURATGARH CUSTOMER) (SI. No. 4 & 5)		0
4	SCANNER	SCANNER HP SJ3000S2 (L2737A)	HP	1	1	ANNEXURE - II (SURATGARH CUSTOMER) (SI. No. 6)		0
<b>TOTAL</b>				<b>6</b>	<b>6</b>			<b>0</b>

**BIDDER TO QUOTE PRICE IN THE COLUMN "LUMPSUM UNIT CHARGES FOR AMC & BREAKDOWN MAINTENANCE FROM THE AMC START DATE TILL CONTRACTUAL COMPLETION DATE (IN RS)" ONLY**

RRVUNL SURATGARH TPS CUSTOMER OFFICE, JAIPUR	ADDRESS: SHRI JINESH JAIN SUPERINTENDING ENGINEER (TD-I) RAJASTHAN RAJYA VIDYUT UTPADAN NIGAM LTD. ROOM NO. - 306, VIDYUT VINIYAMAK BHAWAN SHAKAR MARG, JAIPUR - 302005.
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[BACK TO SUMMARY SHEET](#)

**INSTALLATION OF LAN NODES (OPTIONAL)**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107    Date 18/01/2016.**

**ANNEXURE - XII**  
**(LAN OPTIONAL)**

**LIST OF SPARES**

SL. NO.	DESCRIPTION	UNIT	UNIT RATE (IN RS.)
1	CAT 6 UTP CABLE (305 MTR PER BOX)	BOX	
2	CAT 6 INFORMATION OUTLET FOR DATA	NOS.	
3	CAT 6 MOUNTING CORD (1 MTR)	NOS.	
4	CAT 6 MOUNTING CORD (2 MTR)	NOS.	
5	24 PORT JACK PANNEL WITH I/O	NOS.	
6	FACE PLACT	NOS.	
7	FIXING BOX	NOS.	
8	25 MM DIA RECESSED RIGID PVC CONDUIT	MTR	
9	RJ 45 CONNECTOR	NOS.	
10	CASING -FLAT	MTR	
11	ALUMINUM CHANNEL	MTR	
12	WALL MOUNTED RACK 8 U	NOS.	
13	BLOCK CHANNEL 100 MM	MTR	
14	HDPE	MTR	
15	ALUMINUM TRAY	MTR	

**INSTALLATION CHARGES**

SL. NO.	DESCRIPTION	UNIT	UNIT RATE (IN RS.)
1	LAYING OF PVC CONDUITS	MTR	
2	LAYING OF CAT 6 UTP CABLE	MTR	
3	LAYING AND FIXING OF CASING	MTR	
4	LAYING AND FIXING OF ALUMINUM CHANNEL	MTR	
5	DISMANTLING CHARGE OF OLD LAN POINTS	LOT	
6	RACK DRESSING	NOS.	
7	UPS ROOM DRESSING	LOT	
8	FIXING OF FACE PLAT & BOX	NOS.	
9	LAYING OF BLOCK CHANNEL 100 MM	MTR	
10	FIXING OF ALUMINUM TRAY	MTR	
11	TERMINATION AND TESTING & DOCUMENTATION OF CAT 6 CABLE	NOS.	

**OTHER CHARGES**

SL. NO.	DESCRIPTION	UNIT	UNIT RATE (IN RS.)
1	PORT SCANNING CHARGE	PER PORT	
2	DRESSING OF RACK	LOT	
3	PREPARATION OF LAN LAYOUT DRG/DOCUMENTATION	LOT	

**BIDDER TO QUOTE PRICE IN THE COLUMN "UNIT RATE (IN RS.)" ONLY**

**LOCATIONS TO BE COVERED UNDER FM (OPTIONAL)**  
**E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date 18/01/2016.**

ANNEXURE - XII  
(FM OPTIONAL)

NAME OF THE STATES / UNION TERRITORIES FOR WHICH OPTIONAL RATES NEEDED FOR FM SERVICES		
SL. NO.	NAME OF STATES	LUMP SUM QUARTERLY VALUES (IN RS)
1	JAMMU & KASHMIR	
2	HARYANA	
3	PUNJAB	
4	HIMACHAL PRADESH	
5	UTTARAKHAND	
6	UTTAR PRADESH	
7	MADHYA PRADESH	
8	GUJARAT	
9	MAHARASHTRA	
10	GOA	
11	SIKKIM	
12	NAGALAND	
13	MANIPUR	
14	MIZORAM	
15	MEGHALAYA	
16	TAMIL NADU	
17	KARNATAKA	
18	KERELA	

SL. NO.	NAME OF UNION TERRITORIES	LUMP SUM QUARTERLY VALUES (IN RS)
1	NCR & DELHI	
2	UNION TERRITORY OF CHANDIGARH	
3	DADRA AND NAGAR HAVELI	
4	PONDICHERY	
5	ANDAMAN & NICOBAR ISLANDS	
6	DAMAN & DIU	
7	LAKSHWADEEP	

**BIDDER TO QUOTE PRICE IN THE COLUMN "LUMP SUM QUARTERLY VALUES (IN RS.)" ONLY**

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
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- 1.8. Authorisation and Attestation
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## **CHAPTER -1**

### **1. GENERAL INSTRUCTION TO TENDERERS**

#### **1.1. DESPATCH INSTRUCTION**

- i) The General Conditions of Contract form part of the Tender specifications. **All pages of the tender documents shall be duly signed, stamped and submitted along with the offer in token of complete acceptance thereof.** The information furnished shall be complete by itself. The tenderer is required to furnish all the details and other documents as required in the following pages
- ii) 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. Should the tenderers have any doubt about the meaning of any portion of the Tender Specification or find discrepancies or omissions in the drawings or the tender documents issued are incomplete or shall require clarification on any of the technical aspect, the scope of work etc., he shall at once, contact the authority inviting the tender well in time (so as not to affect last date of submission) for clarification before the submission of the tender. Tenderer's request for clarifications shall be with reference to Sections and Clause numbers given in the tender documents. The specifications and terms and conditions shall be deemed to have been accepted 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.
- iii) Integrity pact (IP) shall be applicable for all tenders / contracts if indicated in NIT. This integrity pact shall be issued as part of the Tender documents and shall be returned by the bidder along with Techno-commercial bid duly filled, signed and stamped by the authorized signatory who signs the bid. Only those vendors / bidders who have entered into such an IP with BHEL shall be considered qualified to participate in the bidding. Entering into this pact shall be a preliminary qualification.

#### **1.2. SUBMISSION OF TENDERS**

- 1.2.1 The tenderers must submit their tenders to Officer inviting tender as per instructions in the NIT
- 1.2.2 Tenders submitted by post shall be sent by 'REGISTERED POST ACKNOWLEDGEMENT DUE / by COURIER' and shall be posted with due allowance for any postal/courier delays. BHEL takes no responsibility for delay, loss or non-receipt of tenders sent by post/courier. **The tenders received after the specified time of their submission are treated as 'Late Tenders' and shall not be considered under any circumstances.** Offers received by Fax/Email/Internet shall be considered as per terms of NIT.

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- 1.2.3 Tenders shall be opened by authorised Officer of BHEL at his office at the time and date as specified in the NIT, in the presence of such of those tenderers or their authorised representatives who may be present
- 1.2.4 Tenderers whose bids are found techno commercially qualified shall be informed the date and time of opening of the Price Bids and such Tenderers may depute their representatives to witness the opening of the price bids. BHEL's decision in this regard shall be final and binding.
- 1.2.5 Before submission of Offer, the tenderers are advised to inspect the site of work and the environments and be well acquainted with the actual working and other prevalent conditions, facilities available, position of material and labour, means of transport and access to Site, accommodation, etc. No claim will be entertained later on the grounds of lack of knowledge of any of these conditions.
- 1.3. LANGUAGE**
- 1.3.1 The tenderer shall quote the rates in English language and international numerals. These rates shall be entered in figures as well as in words. For the purpose of the tenders, the metric system of units shall be used.
- 1.3.2 All entries in the tender shall either be typed or written legibly in ink. Erasing and over-writing is not permitted and may render such tenders liable for rejection. All cancellations and insertions shall be duly attested by the tenderer.
- 1.4 PRICE DISCREPANCY:**
- 1.4.1 **Conventional (Manual) Price Bid opening :** In the case of price bid opening without resorting to Reverse Auction, if there are differences between the rates given by the tenderer in words and figures or in amount worked out by him, the following procedure for evaluation and award shall be followed:
- i) When there is a difference between the rates in figures and in words, the rates which corresponds to the amounts worked out by the contractor, shall be taken as correct
  - ii) When the amount of an item is not worked out by the contractor or it does not correspond with the rate written either in figure or in words, then the rate quoted by the contractor in words shall be taken as correct
  - iii) When the rate quoted by the contractor in figures and words tallies but the amount is not worked out correctly, the rate quoted by the contractor shall be taken as correct and not the amount.
  - iv) In case of lumpsum price, if there is any difference between the amount in figures and in words, the amount quoted by the bidder in words shall be taken as correct.
  - v) In case of omission in quoting any rate for one or more items, the evaluation shall be done considering the highest quoted rate obtained against the respective items by other tenderers for the subject tender. If the tenderer becomes L-1, the notional rates for the omission items shall be the lowest rates quoted for the respective items by the other tenderers against the respective omission items for the subject job and the 'Total quoted price (loaded for omissions)' shall be arrived at. However the overall price remaining the same as quoted originally, the rates for all the items in the 'Total quoted price (loaded for omissions)' shall be reduced item wise in proportion to the ratio of 'Original' total price and the 'Total quoted price (loaded for omissions)'
  - vi) The 'Final Total Amount' shall be arrived at after considering the amounts worked out in line with 'i' to 'iv' above.

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1.4.2 **Reverse Auction:** In case of Reverse Auction, the successful bidder shall undertake to execute the work as per overall price offered by him during the Reverse Auction process. In case of omission of rates, the procedure shall be as per 'Guidelines for Reverse Auction' enclosed.

1.5. **QUALIFICATION OF TENDERERS**

- i) Only tenderers who have previous experience in the work of the nature and description detailed in the Notice Inviting Tender and/or tender specification are expected to quote for this work duly detailing their experience along with offer.
- ii) Offers from tenderers who do not have proven and established experience in the field shall not be considered
- iii) .Offers from tenderers who are under suspension (banned) by any Unit/Region/Division of BHEL shall not be considered.
- iv) Offers from tenderers who do not comply with the latest guidelines of Ministry/Commissions of Govt of India shall not be considered.

1.6. **EVALUATION OF BIDS**

- i) Technical Bids submitted by the tenderer will be opened first and evaluated for fulfilling the Pre Qualification criteria and other conditions in NIT/Tender documents, based on documentary evidences submitted along with the offer
- ii) In case the same qualifying experience is claimed by more than one agency, then the agency who has executed the work as per documentary evidence submitted shall only be qualified. Scope of qualifying work should be totally with the agency who has executed and in case it is only labour+consumables without T&P, then the responsibility of execution is assigned to the first agency and not to the agency who has executed only as labour supply contractor. Further, BHEL reserves the right to ask for further proofs including submission of TDS certificates for the said job
- iii) In case the qualifying experience is claimed by private organizations based on Work Order and completion certificates from another private organization, BHEL reserves the right to ask for further proofs including submission of TDS certificates for the said job
- iv) Assessing Bidder Capacity for executing the current tender shall be as per Notice Inviting Tender
- v) Price Bids of shortlisted bidders shall only be opened either through the conventional price bid opening or through electronic Reverse Auction, at the discretion of BHEL
- vi) Price Bids of unqualified bidders shall not be opened. Reasons for rejection shall be intimated in due course after issue of LOI/LOA to successful bidder and receipt of unqualified acceptance from the successful bidder
- vii) Bidders are advised to also refer to clause no 2.9.4 regarding evaluation of their performance in ongoing projects for the current tender

1.7. **DATA TO BE ENCLOSED**

Full information shall be given by the tenderer in respect of the following. Non-submission of this information may lead to rejection of the offer.

i) **INCOME TAX PERMANENT ACCOUNT NUMBER**

Certified copies of Permanent Account Numbers as allotted by Income Tax Department for the Company/Firm/Individual Partners, etc. shall be furnished along with tender.

ii) **ORGANIZATION CHART**

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The organization chart of the tenderer's organization, including the names, addresses and contact information of the Directors/Partners shall be furnished along with the offer.

iii) An attested copy of the Power of Attorney, in case the tender is signed by an individual other than the sole proprietor

iv) **IN CASE OF INDIVIDUAL TENDERER:**  
His / her full name, address and place & nature of business.

v) **IN CASE OF PARTNERSHIP FIRM**  
The names of all the partners and their addresses, A copy of the partnership deed/instrument of partnership duly certified by the Notary Public shall be enclosed.

vi) **IN CASE OF COMPANIES:**

- a. Date and place of registration including date of commencement certificate in case of Public Companies (certified copies of Memorandum and articles of Association are also to be furnished).
- b. Nature of business carried on by the Company and the provisions of the Memorandum relating thereof.

#### 1.8 **AUTHORISATION AND ATTESTATION**

Tenders shall be signed by a person duly authorized/empowered to do so. An attested copy of the Power of Attorney, in case the tender is signed by an individual other than the sole proprietor shall be submitted along with the tenders

#### 1.9 **EARNEST MONEY DEPOSIT**

1.9.1 Every tender must be accompanied by the prescribed amount of Earnest Money Deposit (EMD) in the manner described herein.

- i) EMD shall be furnished along with the offer in full as per the amount indicated in the Special Conditions of Contract / NIT
- ii) EMD is to be paid in cash (as permissible under Income Tax Act), Pay order or Demand Draft in favour of 'Bharat Heavy Electricals Limited' and payable at Regional HQ issuing the tender.
- iii) No other form of EMD remittance shall be acceptable to BHEL
- iv) Bidder may opt to deposit "One Time EMD" of Rs. 2.0 lakhs (Rupees Two lakhs only) with BHEL:Power Sector Region HQ issuing the tender, which will enable them to participate in all the future tender enquiries in respect of Erection and Commissioning services issued from the respective office. Interested bidders may clearly send their consent for converting the present EMD into a "One Time EMD" in their offer.
  - Note : The 'One Time EMD' cannot be withdrawn by the tenderers within 3 years from the date of deposit, under any circumstances. The Tenderer who wishes to withdraw after three years will not be allowed to submit 'One Time EMD' again.
- v) Bidders who have already deposited such "One Time EMD" of Rs. 2.00 lakh are exempted from submission of EMD for this tender. However a copy of 'One Time EMD' certificate issued by BHEL Regional HQ issuing the tender shall be enclosed along with the offer.

1.9.2 EMD by the bidder will be forfeited as per Tender Documents if

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i) After opening the tender, the bidder revokes his tender within the validity period or increases his earlier quoted rates.

ii) The bidder does not commence the work within the period as per LOI/Contract. In case the LOI / contract is silent in this regard then within 15 days after award of contract.

1.9.3 EMD shall not carry any interest.

1.9.4 In the case of unsuccessful bidders, the Earnest Money will be refunded to them within a reasonable time after acceptance of award by successful tenderer.

**1.10 SECURITY DEPOSIT**

1.10.1 Upon acceptance of Tender, the successful Tenderer should deposit the required amount of Security Deposit for satisfactory completion of work, as per the rates given below:

SN	Contract Value	Security Deposit Amount
1	Up to Rs. 10 lakhs	10% of Contract Value
2	Above Rs. 10 lakhs upto Rs.50 lakhs	1 lakh + 7.5% of the Contract Value exceeding Rs. 10 lakhs.
3	Above Rs. 50 lakhs	Rs 4 lakhs + 5% of the Contract Value exceeding Rs. 50 lakhs.

1.10.2 The security Deposit should be furnished before start of the work by the contractor.

1.10.3 Security Deposit may be furnished in any one of the following forms

- i) Cash (as permissible under the Income Tax Act)
- ii) Pay Order / Demand Draft in favour of BHEL.
- iii) Local cheques of scheduled banks, subject to realization.
- iv) Securities available from Post Offices such as National Savings Certificates, Kisan Vikas Patras etc. (Certificates should be held in the name of Contractor furnishing the security and duly pledged in favour of BHEL and discharged on the back).
- v) Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format for Security Deposit shall be in the prescribed formats
- vi) Fixed Deposit Receipt issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The FDR should be in the name of the contractor, A/C BHEL, duly discharged on the back.
- vii) Security deposit can also be recovered at the rate of 10% from the running bills. However in such cases at least 50% of the Security Deposit should be deposited in any form as prescribed before start of the work and the balance 50% may be recovered from the running bills.
- viii) EMD of the successful bidder can be converted and adjusted against the cash portion of Security Deposit excepting for such bidders who have remitted One Time EMD.

**NOTE:** Acceptance of Security Deposit against Sl. No. (iv) and (vi) above will be subject to hypothecation or endorsement on the documents in favour of BHEL. However, BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith.

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1.10.4 The Security Deposit shall not carry any interest.

1.10.5 In case the value of work exceeds / reduces from the awarded / accepted value, the Security Deposit shall be correspondingly enhanced / reduced as given below:

- i) The enhanced part of the Security Deposit shall be immediately deposited by the Contractor or adjusted against payments due to the Contractor.
- ii) There will be no reduction in Security Deposit value in case of variation in contract value upto the lower limit specified in Quantity variation clause. In case of reduction of contract value beyond the lower limit specified in Quantity Variation clause, then the Security Deposit shall be re adjusted in proportion.
- iii) In case of reduction, the reduced Contract value shall be certified by BHEL Construction Manager after ascertaining / freezing of BOQ / Drawings from the Design / Engineering Centre. The reduced Security Deposit value can only be considered after taking into account the adequacy of the securities held by BHEL to meet the liabilities of the contractor for the contract, and the performance of the contract in general. In such cases, the revised value of Security Deposit shall be worked out only after execution of not less than the lower limit of the revised scope of work/contract value as per quantity variation clause, and as certified by Construction Manager. This reduction in value of Security Deposit shall not entitle the contractor to any amendment of Contract and shall be operated at the discretion of BHEL.
- iv) Contract value for the purpose of operating the reduced/increased value of Security Deposit due to Quantity Variation, shall be exclusive of Price Variation Clause, Over Run Compensation and Extra works done on man-day rates.

1.10.6 The validity of Bank Guarantees towards Security Deposit shall be initially upto the completion period as stipulated in the Letter of Intent/Award + 3 months, and the same shall be kept valid by proper renewal till the acceptance of Final Bills of the Contractor, by BHEL

1.10.7 BHEL reserves the right of forfeiture of Security Deposit in addition to other claims and penalties in the event of the Contractor's failure to fulfill any of the contractual obligations or in the event of termination of contract as per terms and conditions of contract. BHEL reserves the right to set off the Security Deposit against any claims of other contracts with BHEL.

#### 1.11 RETURN OF SECURITY DEPOSIT

Security Deposit shall be refunded/Bank Guarantee(s) released to the Contractor along with the 'Final Bill' after deducting all expenses / other amounts due to BHEL under the contract / other contracts entered into with them by BHEL.

#### 1.12 BANK GUARANTEES

Where ever Bank Guarantees are to be furnished/submitted by the contractor, the following shall be complied with

- i) Bank Guarantees shall be from Scheduled Banks / Public Financial Institutions as defined in the Companies Act.
- ii) The Bank Guarantees shall be as per prescribed formats.
- iii) It is the responsibility of the bidder to get the Bank Guarantees revalidated/extended for the required period (subject to a minimum period of six months), as per the advice of BHEL Site Engineer /

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- Construction Manager. BHEL shall not be liable for issue of any reminders regarding expiry of the Bank Guarantees.
- iv) In case extension/further extensions of any Bank Guarantees are not required, the bidders shall ensure that the same is explicitly endorsed by the Construction Manager and submitted to the Regional HQ issuing the LOI/LOA.
  - v) In case the Bank Guarantees are not extended before the expiry date, BHEL reserves the right to invoke the same by informing the concerned Bank in writing, without any advance notice/communication to the concerned bidder.
  - vi) Bidders to note that any corrections to Bank Guarantees shall be done by the issuing Bank, only through an amendment in an appropriate non judicial stamp paper.
  - vii) The Original Bank Guarantee shall be sent directly by the Bank to BHEL under Registered Post (Acknowledgement Due), addressed to the Subcontracting Department of the respective Region.

#### 1.13 VALIDITY OF OFFER

The rates in the Tender shall be kept open for acceptance for a minimum period of **SIX MONTHS** from latest due date of offer submission (including extension, if any) . In case BHEL (Bharat Heavy Electricals Ltd) calls for negotiations, such negotiations shall not amount to cancellation or withdrawal of the original offer which shall be binding on the tenderers.

#### 1.14 EXECUTION OF CONTRACT AGREEMENT

The successful tenderer's responsibility under this contract commences from the date of issue of the Letter of Intent by Bharat Heavy Electricals Limited. The Tenderer shall submit an unqualified acceptance to the Letter of Intent/Award within the period stipulated therein.

The successful tenderer shall be required to execute an agreement in the prescribed form, with BHEL, within a reasonable time after the acceptance of the Letter of Intent/Award, and in any case before releasing the first running bill. The contract agreement shall be signed by a person duly authorized/empowered by the tenderer. The expenses for preparation of agreement document shall be borne by BHEL.

#### 1.15 REJECTION OF TENDER AND OTHER CONDITIONS

- 1.15.1 The acceptance of tender will rest with BHEL which does not bind itself to accept the lowest tender or any tender and reserves to itself full rights for the following without assigning any reasons whatsoever:-

- a. To reject any or all of the tenders.
- b. To split up the work amongst two or more tenderers as per NIT
- c. To award the work in part if specified in NIT
- d. In case of either of the contingencies stated in (b) and (c) above, the time for completion as stipulated in the tender shall be applicable.

- 1.15.2 Conditional tenders, unsolicited tenders, tenders which are incomplete or not in the form

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	<p>specified or defective or have been materially altered or not in accordance with the tender conditions, specifications etc., are liable to be rejected.</p> <p>1.15.3 Tenders are liable to be rejected in case of unsatisfactory performance of the tenderer with BHEL, or tenderer under suspension (hold/banning /delisted ) by any unit / region / division of BHEL or tenderers who do not comply with the latest guidelines of Ministry/Commissions of Govt of India.</p> <p>1.15.4 If a tenderer who is a proprietor expires after the submission of his tender or after the acceptance of his tender, BHEL may at their discretion, cancel such tender. If a partner of a firm expires after the submission of tender or after the acceptance of the tender, BHEL may then cancel such tender at their discretion, unless the firm retains its character.</p> <p>1.15.5 BHEL will not be bound by any Power of Attorney granted by changes in the composition of the firm made subsequent to the execution of the contract. They may, however, recognise such power of Attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the contractor concerned.</p> <p>1.15.6 If the tenderer deliberately gives wrong information in his tender, BHEL reserves the right to reject such tender at any stage or to cancel the contract if awarded and forfeit the Earnest Money/Security Deposit/any other money due.</p> <p>1.15.7 Canvassing in any form in connection with the tenders submitted by the Tenderer shall make his offer liable to rejection.</p> <p>1.15.8 In case the Proprietor, Partner or Director of the Company/Firm submitting the Tender, has any relative or relation employed in BHEL, the authority inviting the Tender shall be informed of the fact as per specified format, along with the Offer. Failing to do so, BHEL may, at its sole discretion, reject the tender or cancel the contract and forfeit the Earnest Money/Security Deposit.</p> <p>1.15.9 The successful tenderer should not sub-contract part or complete work detailed in the tender specification undertaken by him without written permission of BHEL's Construction Manager/Site Incharge. The tenderer is solely responsible to BHEL for the work awarded to him.</p> <p>1.15.10 The Tender submitted by a techno commercially qualified tenderer shall become the property of BHEL who shall be under no obligation to return the same to the bidder. However unopened price bids and late tenders shall be returned to the bidders</p> <p>1.15.11 Unsolicited discount received after the due date and time of Bid Submission shall not be considered for evaluation. However, if the party who has submitted the unsolicited discount/rebate becomes the L-I party, then the awarded price i.e contract value shall be worked out after considering the discount so offered.</p> <p>1.15.12 BHEL shall not be liable for any expenses incurred by the bidder in the preparation of the tender irrespective of whether the tender is accepted or not.</p>
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## **CHAPTER-2**

2.1 **DEFINITION:** The following terms shall have the meaning hereby assigned to them except where the context otherwise requires

- |       |   |
|-------|---|
| i)    | BHEL shall mean Bharat Heavy Electricals Limited (of the respective Power Sector Region inviting the Tender), a company registered under Indian Companies Act 1956, with its Registered Office at BHEL HOUSE, SIRI FORT, NEW DELHI – 110 049, or its Power Sector Regional Offices or its Authorised Officers or its Site Engineers or other employees authorised to deal with any matters with which these persons are concerned on its behalf.  |
| ii)   | “EXECUTIVE DIRECTOR” or ‘GROUP GENERAL MANAGER’ or “GENERAL MANAGER (Incharge)” or “GENERAL MANAGER” shall mean the Officer in Administrative charge of the respective Power Sector Region.   |
| iii)  | “COMPETENT AUTHORITY” shall mean Executive Director or Group General Manager or General Manager (Incharge) or General Manager or BHEL Officers who are empowered to act on behalf of the Executive Director or General Manager (Incharge) or General Manager of BHEL.   |
| iv)   | “ENGINEER” or “ENGINEER IN CHARGE” shall mean an Officer of BHEL as may be duly appointed and authorized by BHEL to act as “Engineer” on his behalf for the purpose of the Contract, to perform the duty set forth in this General Conditions of Contract and other Contract documents. The term also includes ‘CONSTRUCTION MANAGER’ or ‘SITE INCHARGE’ as well as Officers at Site or at the Headquarters of the respective Power Sector Regions.   |
| v)    | “SITE” shall mean the places or place at which the plants/equipments are to be erected and services are to be performed as per the specification of this Tender.  |
| vi)   | “CLIENT OF BHEL” or “CUSTOMER” shall mean the project authorities with whom BHEL has entered into a contract for supply of equipments or provision of services.   |
| vii)  | “CONTRACTOR” shall mean the successful Bidder/Tenderer who is awarded the Contract and shall include the Contractor’s successors, heirs, executors, administrators and permitted assigns.   |
| viii) | “CONTRACT” or “CONTRACT DOCUMENT” shall mean and include the Agreement of Work Order, the accepted appendices of Rates, Schedules, Quantities if any, General Conditions of Contract, Special Conditions of Contract, Instructions to the Tenderers, Drawings, Technical Specifications, the Special Specifications if any, the Tender documents, subsequent amendments mutually agreed upon and the Letter of Intent/Acceptance issued by BHEL. Any conditions or terms stipulated by the contractor in the tender documents or subsequent letters shall not form part of the contract unless, specifically accepted in writing by BHEL in the Letter of Intent/Award and incorporated in the agreement. |
| ix)   | “GENERAL CONDITIONS OF CONTRACT” shall mean the ‘Instructions to Tenderers’ and ‘General Conditions of Contract’ pertaining to the work for which above tenders have been called for.   |

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x)	“TENDER SPECIFICATION” or “TENDER” or “TENDER DOCUMENTS” shall mean General Conditions, Common Conditions, Special Conditions, Price Bid, Rate Schedule, Technical Specifications, Appendices, Annexures, Corrigendums, Amendments, Forms, procedures, Site information, etc and drawings/documents pertaining to the work for which the tenderers are required to submit their offers. Individual specification number will be assigned to each Tender Specification.
xi)	“LETTER OF INTENT” shall mean the intimation by a Letter/Fax/email to the tenderer that the tender has been accepted in accordance with provisions contained in the letter. The responsibility of the contractor commences from the date of issue of this letter and all terms and conditions of the contract are applicable from this date.
xii)	“COMPLETION TIME” shall mean the period by ‘date/month’ specified in the ‘Letter of Intent/Award’ or date mutually agreed upon for handing over of the intended scope of work, the erected equipment/plant which are found acceptable by the Engineer, being of required standard and conforming to the specifications of the Contract.
xiii)	“PLANT” shall mean and connote the entire assembly of the plant and equipments covered by the contract.
xiv)	“EQUIPMENT” shall mean equipment, machineries, materials, structural, electricals and other components of the plant covered by the contract.
xv)	“TESTS” shall mean and include such test or tests to be carried out on the part of the contractor as are prescribed in the contract or considered necessary by BHEL, in order to ascertain the quality, workmanship, performance and efficiency of the contractor or part thereof.
xvi)	“APPROVED”, “DIRECTED” or “INSTRUCTED” shall mean approved, directed or instructed by BHEL.
xvii)	“WORK or CONTRACT WORK” shall mean and include supply of all categories of labour, specified consumables, tools and tackles and Plants required for complete and satisfactory site transportation, handling, stacking, storing, erecting, testing and commissioning of the equipments to the entire satisfaction of BHEL.
xviii)	“SINGULAR AND PLURALS ETC” words carrying singular number shall also include plural and vice versa, where the context so requires. Words imparting the masculine Gender shall be taken to include the feminine Gender and words imparting persons shall include any Company or Associations or Body of Individuals, whether incorporated or not.
xix)	“HEADING” – The heading in these General Conditions are solely for the purpose of facilitating reference and shall not be deemed to be part thereof or be taken as instructions thereof or of the contract.
xx)	“MONTH” shall mean calendar month unless otherwise specified in the Tender.

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xxi)	Day' or 'Days' unless herein otherwise expressly defined shall mean calendar day or days of twenty four (24) hours each. A week shall mean continuous period of seven (7) days.
xxii)	"COMMISSIONING" shall mean the synchronisation testing and achieving functional operation of the Equipment with associated system after all initial adjustments, trials, cleaning, re-assembly required at site if any, have been completed and Equipment with associated system is ready for taking into service.
xxiii)	"WRITING" shall include any manuscript type written or hand written or printed statement or electronically transmitted messages, under the signature or seal or transmittal of BHEL.
xxiv)	"TEMPORARY WORK" shall mean all temporary works for every kind required in or for the execution, completion, maintenance of the work.
xxv)	'CONTRACT PRICE' or 'CONTRACT VALUE' shall mean the sum mentioned in the LOI/LOA/Contract Agreement subject to such additions thereto or deductions there from as may be made under provisions hereinafter contained
xxvi)	"COMMENCEMENT DATE" or "START DATE" shall mean the commencement/start of work at Site as per terms defined in the Tender
xxvii)	"SHORT CLOSING" or "FORE CLOSING" of Contract shall mean the premature closing of Contract, for reasons not attributable to the contractor and mutually agreed between BHEL and the contractor
xxviii)	"TERMINATION" of Contract shall mean the pre mature closing of contract due to reasons as mentioned in the contract
xxix)	"DE MOBILISATION" shall mean the temporary winding up of Site establishment by Contractor leading to suspension of works temporarily for reasons not attributable to the contractor
xxx)	"RE MOBILISATION" shall mean the resumption of work with all resources required for the work after demobilization.
2.2	<p><b>LAW GOVERNING THE CONTRACT AND COURT JURISDICTION</b></p> <p>The contract shall be governed by the Law for the time being in force in the Republic of India. The Civil Court having original Civil Jurisdiction at Delhi for PSNR, at Kolkata for PSER, at Nagpur for PSWR and at Chennai for PSSR, shall alone have exclusive jurisdiction in regard to all claims in respect of the Contract. No other Civil Court shall have jurisdiction in case of any dispute, under this contract</p>
2.3	<p><b>ISSUE OF NOTICE</b></p> <p>2.3.1 <b><u>Service of notice on contractor</u></b></p> <p>Any notice to be given to the Contractor under the terms of the contract shall be served by sending the same <b>by Registered Post / Speed Post</b> to or leaving the same at the Contractor's last known address of the principal place of business (or in the event of the contractor being a company, to or at its Registered Office). In case of change of address, the notice shall be served at changed address as notified in writing by the Contractor to BHEL. Such posting or leaving of the notice shall be deemed to be good service of such notice and the time mentioned to the condition for doing any act after notice shall be reckoned from the date so mentioned in such notice.</p>

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**2.3.2 Service of notice on BHEL**

Any notice to be given to BHEL in-charge/Region under the terms of the Contract shall be served by sending the same by post to or leaving the same at BHEL address or changed address as notified in writing by BHEL to the Contractor.

**2.4 USE OF LAND**

No land belonging to BHEL or their Customer under temporary possession of BHEL shall be occupied by the contractor without written permission of BHEL.

**2.5 COMMENCEMENT OF WORK**

2.5.1 The contractor shall commence the work as per the time indicated in the Letter of Intent from BHEL and shall proceed with the same with due expedition without delay.

2.5.2 If the contractor fails to start the work within stipulated time as per LOI or as intimated by BHEL, then BHEL at its sole discretion will have the right to cancel the contract. The Earnest Money and/or Security Deposit with BHEL will stand forfeited without any further reference to him without prejudice to any and all of BHEL's other rights and remedies in this regard.

2.5.3 All the work shall be carried out under the direction and to the satisfaction of BHEL.

**2.6 MEASUREMENT OF WORK AND MODE OF PAYMENT:**

2.6.1 All payments due to the contractors shall be made by e mode only, unless otherwise found operationally difficult for reasons to be recorded in writing.

2.6.2 For progress running bill payments: - The Contractor shall present detailed measurement sheets in triplicate, duly indicating all relevant details based on technical documents and connected drawings for work done during the month/period under various categories in line with terms of payment as per contract. The basis of arriving at the quantities, weights shall be relevant documents and drawings released by BHEL. These measurement sheets shall be prepared jointly with BHEL Engineers and signed by both the parties.

2.6.3 These measurement sheets will be checked by BHEL Engineer and quantities and percentage eligible for payment under various groups shall be decided by BHEL Engineer. The abstract of quantities and percentage so arrived at based on the terms of payment shall be entered in Measurement Book and signed by both the parties.

2.6.4 Based on the above quantities, contractor shall prepare the bills in prescribed format and work out the financial value. These will be entered in Measurement Book and signed by both the parties. Payment shall be made by BHEL after effecting the recoveries due from the contractor.

2.6.5 All recoveries due from the contractor for the month/period shall be effected in full from the corresponding running bills unless specific approval from the competent authorities is obtained to the contrary.

2.6.6 Measurement shall be restricted to that portion of work for which it is required to ascertain the

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	<p>financial liability of BHEL under this contract.</p> <p>2.6.7 The measurement shall be taken jointly by persons duly authorized on the part of BHEL and by the Contractor.</p> <p>2.6.8 The Contractor shall bear the expenditure involved if any, in making the measurements and testing of materials to be used/used in the work. The contractor shall, without extra charges, provide all the assistance with appliances and other things necessary for measurement.</p> <p>2.6.9 If at any time due to any reason whatsoever, it becomes necessary to re-measure the work done in full or in part, the expenses towards such re measurements shall be borne by the contractor unless such re-measurements are warranted solely for reasons not attributable to contractor.</p> <p>2.6.10 Passing of bills covered by such measurements does not amount to acceptance of the completion of the work measured. Any left out work has to be completed, if pointed out at a later date by BHEL.</p> <p>2.6.11 Final measurement bill shall be prepared in the final bill format prescribed for the purpose based on the certificate issued by BHEL Engineer that entire works as stipulated in tender specification has been completed in all respects to the entire satisfaction of BHEL. Contractor shall give unqualified "No Claim" Certificate. All the tools and tackles loaned to him should be returned in satisfactory condition to BHEL. The abstract of final quantities and financial values shall also be entered in the Measurement Books and signed by both parties to the contract. The Final Bill shall be prepared and paid within a reasonable time after completion of work.</p>
2.7	<p><b>RIGHTS OF BHEL</b></p> <p>BHEL reserves the following rights in respect of this contract during the original contract period or its extensions if any, as per the provisions of the contract, without entitling the contractor for any compensation.</p> <p>2.7.1 To withdraw any portion of work and/or to restrict/alter quantum of work as indicated in the contract during the progress of work and get it done through other agencies to suit BHEL's commitment to its customer or in case BHEL decides to advance the date of completion due to other emergent reasons/ BHEL's obligation to its customer.</p> <p>2.7.2 To terminate the contract or get any part of the work done through other agency or deploy BHEL's own/hired/otherwise arranged resources , at the risk and cost of the contractor after due notice <u>of a period of two weeks by BHEL</u>, in the event of:-</p> <ul style="list-style-type: none"> <li>i) Contractor's continued poor progress</li> <li>ii) Withdrawal from or abandonment of the work before completion of the work</li> <li>iii) Contractor's inability to progress the work for completion as stipulated in the contract</li> <li>iv) Poor quality of work</li> <li>v) Corrupt act of Contractor</li> <li>vi) Insolvency of the Contractor</li> <li>vii) Persistent disregard to the instructions of BHEL</li> <li>viii) Assignment, transfer, sub-letting of contract without BHEL's written permission</li> <li>ix) Non fulfillment of any contractual obligations</li> <li>x) In the opinion of BHEL, the contractor is overloaded and is not in a position to execute the job as per required schedule</li> </ul>

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- 2.7.3 To meet the expenses including BHEL overheads on the differential cost at 5%, over and above the Liquidated damages/penalties arising out of "Risk & Cost" as explained above under Sl. No. 2.7.2. BHEL shall recover the amount from any money due from Contractor, or from any money due to the Contractor including Security Deposit, or by forfeiting any T&P or material of the contractor under this contract or any other contract of BHEL or by any other means or any combination thereof
- 2.7.4 To terminate the contract or to restrict the quantum of work and pay for the portion of work executed in case BHEL's contract with their customer are terminated for any reason, as per mutual agreement.
- 2.7.5 To effect recovery from any amounts due to the contractor under this or any other contract or in any other form, the moneys BHEL is statutorily forced to pay to anybody, due to contractor's failure to fulfill any of his obligations. BHEL shall levy overheads of 5% on all such payments along with interest as defined elsewhere in the GCC.
- 2.7.6 While every endeavour will be made by BHEL to this end, they cannot guarantee uninterrupted work due to conditions beyond their control. The Contractor will not be normally entitled for any compensation/extra payment on this account unless otherwise specified elsewhere in the contract.
- 2.7.7 In case the execution of works comes to a complete halt or reaches a stage wherein worthwhile works cannot be executed and there is no possibility of commencement of work for a period of not less than two months, due to reasons not attributable to the contractor and other than Force Majeure conditions, BHEL may consider permitting the contractor to de mobilize forthwith and re mobilize at an agreed future date. Cost of such demobilization/remobilization shall be mutually agreed. ORC in such cases shall not be applicable for the period between the period of demobilization and re mobilisation. The duration of contract/time extension shall accordingly get modified suitably. In case of any conflict, BHEL decision in this regard shall be final and binding on the contractor.
- 2.7.8 In the unforeseen event of inordinate delay in receipt of materials, drawings, fronts, etc, due to which inordinate discontinuity of work is anticipated, BHEL at its discretion may consider contractor's request to short close the contract in following cases:
- a) The balance works (including but not limited to Trial Operation, PG Test, etc) are minor vis a vis the scope of work envisaged as per the contract.
  - b) There has been no significant work in past 6 months OR no significant work is expected in next 6 months (example in Hydro projects or in projects where work has stopped due to reasons beyond the control of BHEL)
  - c) The balance works cannot be done within a reasonable period of time as they are dependent on unit shutdown or on other facilities of customer or any other reasons not attributable to the contractor
- At the point of requesting for short closure, contractor shall establish that he has completed all works possible of completion and he is not able to proceed with the balance works due to constraints beyond his control. In such a case, the estimated value of the unexecuted portion of work ( or estimated value of services to be provided for carrying out milestone/stage payments like Trial Operation/PG Test, etc) as mutually agreed, shall however be reduced from the final contract

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**2.7.9 LIQUIDATED DAMAGES/PENALTY**

[As per Technical Conditions of Contract , Volume-IF](#)

**2.8 RESPONSIBILITIES OF THE CONTRACTOR IN RESPECT OF LOCAL LAWS, EMPLOYMENT OF WORKERS ETC.**

The following are the responsibilities of the contractor in respect of observance of local laws, employment of personnel, payment of taxes etc. The subcontractor shall fully indemnify BHEL against any claims of whatsoever nature arising due to the failure of the contractor in discharging any of his responsibilities hereunder:

- 2.8.1 As far as possible, Unskilled Workers shall be engaged from the local areas in which the work is being executed.
- 2.8.2 The contractor at all times during the continuance of this contract shall, in all his dealings with local labour for the time being employed on or in connection with the work, have due regard to all local festivals and religious and other customs.
- 2.8.3 The contractor shall comply with all applicable State and Central Laws, Statutory Rules, Regulations etc. such as Payment of Wages Act, Minimum Wages Act, Workmen Compensation Act, Employer's Liability Act, Industrial Disputes Act, Employers Provident Act, Employees State Insurance Scheme, Contract Labour (Regulation and Abolition) Act 1970, Payment of Bonus & Gratuity Act and other Acts, Rules and Regulations for labour as may be enacted by the Government during the tenure of the Contract and having force or jurisdiction at Site. The Contractor shall also give to the local Governing Body, Police and other relevant Authorities all such notices as may be required by the Law.
- 2.8.4 The contractor shall obtain independent License under the Contract Labour (Regulations and Abolition Act, 1970) as required from the concerned Authorities based on the certificate (Form-V) issued by the Principal Employer/Customer
- 2.8.5 The contractor shall pay all taxes, fees, license charges, deposits, duties, tolls, royalties, commission or other charges which may be leviable on account of his operations in executing the contract.
- 2.8.6 While BHEL would pay the inspection fees and Registration fees of Boiler/Electrical Inspectorate, all other arrangements for site visits periodically by the Inspectorate to site, Inspection certificate etc. will have to be made by contractor. However, BHEL will not make any payment to the Inspectorate in connection with contractor's Welders/Electricians qualification tests etc.
- 2.8.7 Contractor shall be responsible for provision of Health and Sanitary arrangements (more particularly described in Contract Labour Regulation & Abolition Act), Safety precautions etc. as may be required for safe and satisfactory execution of contract.

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- 2.8.8 The contractor shall be responsible for proper accommodation including adequate medical facilities for personnel employed by him.
- 2.8.9 The contractor shall be responsible for the proper behavior and observance of all regulations by the staff employed by him.
- 2.8.10 The contractor shall ensure that no damage is caused to any person/property of other parties working at site. If any such damage is caused, it is responsibility of the contractor to make good the losses or compensate for the same.
- 2.8.11 All the properties/equipments/components of BHEL/their Client loaned with or without deposit to the contractor in connection with the contract shall remain properties of BHEL/their Client.
- 2.8.12 The contractor shall use such properties for the purpose of execution of this contract. All such properties/equipments/components shall be deemed to be in good condition when received by the contractor unless he notifies within 48 hours to the contrary. The contractor shall return them in good condition as and when required by BHEL/their Client. In case of non-return, loss, damage, repairs etc, the cost thereof as may be fixed by BHEL Engineer will be recovered from the contractor
- 2.8.13 In case the contractor is required to undertake any work outside the scope of this contract, the rates payable shall be those mutually agreed upon if the item rates are not mentioned in existing contract
- 2.8.14 Any delay in completion of works/or non achievement of periodical targets due to the reasons attributable to the contractor, the same may have to be compensated by the contractor either by increasing manpower and resources or by working extra hours and/or by working more than one shift. All these are to be carried out by the contractor at no extra cost.
- 2.8.15 The contractor shall arrange, coordinate his work in such a manner as to cause no hindrance to other agencies working in the same premises.
- 2.8.16 All safety rules and codes applied by the Client/BHEL at site shall be observed by the contractor without exception. The contractor shall be responsible for the safety of the equipment/material and works to be performed by him and shall maintain all light, fencing guards, slings etc. or other protection necessary for the purpose. Contractor shall also take such additional precautions as may be indicated from time to time by the Engineer with a view to prevent pilferage, accidents, fire hazards. Due precautions shall be taken against fire hazards and atmospheric conditions. Suitable number of Clerical staff, watch and ward, store keepers to take care of equipment/materials and construction tools and tackles shall be posted at site by the contractor till the completion of work under this contract.
- The contractor shall arrange for such safety devices as are necessary for such type of work and carry out the requisite site tests of handling equipment, lifting tools, tackles etc. as per prescribed standards and practices.
- Contractor has to ensure the implementation of Health, Safety and Environment (HSE) requirements as per directions given by BHEL/Customer. The contractor has to assist in HSE audit

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by BHEL/Customer and submit compliance Report. The contractor has to generate and submit record/reports as per HSE plan/activities as per instruction of BHEL/Customer

- 2.8.17 The contractor will be directly responsible for payment of wages to his workmen. A pay roll sheet giving all the payments given to the workers and duly signed by the contractor's representative should be furnished to BHEL site for record purpose, if so called for.
- 2.8.18 In case of any class of work for which there is no such specification as laid down in the contract, such work shall be carried out in accordance with the instructions and requirements of the Engineer.
- 2.8.19 Also, no idle charges will be admissible in the event of any stoppage caused in the work resulting in contractor's labour and Tools & Plants being rendered idle due to any reason at any time.
- 2.8.20 The contractor shall take all reasonable care to protect the materials and work till such time the plant/equipment has been taken over by BHEL or their Client whichever is earlier.
- 2.8.21 The contractor shall not stop the work or abandon the site for whatsoever reason of dispute, excepting force majeure conditions. All such problems/disputes shall be separately discussed and settled without affecting the progress of work. Such stoppage or abandonment shall be treated as breach of contract and dealt with accordingly
- 2.8.22 The contractor shall keep the area of work clean and shall remove the debris etc. while executing day-to-day work. Upon completion of work, the contractor shall remove from the vicinity of work, all scrap, packing materials, rubbish, unused and other materials and deposit them in places specified by the Engineer. The contractor will also demolish all the hutments, sheds, offices, etc. constructed and used by him and shall clean the debris. In the event of his failure to do so, the same will be arranged to be done by the Engineer and the expenses recovered from the contractor.
- 2.8.23 The contractor shall execute the work in the most substantial and workman like manner in the stipulated time. Accuracy of work and timely execution shall be the essence of this contract. The contractor shall be responsible to ensure that the quality, assembly and workmanship conform to the dimensions and clearance given in the drawings and/ or as per the instructions of the Engineer.
- 2.8.24 The Contractor to note that some of BHEL's T&Ps/MMDs may not be insured. The Contractor will take necessary precautions and due care to protect the same while in his custody from any damage/ loss till the same is handed over back to BHEL. In case the damage / loss is due to carelessness/ negligence on the part of the contractor, the Contractor is liable to get them repair/ replaced immediately and in case of his failure to do so within a reasonable time, BHEL will reserve the right to recover the loss from the contractor.

2.9 **PROGRESS MONITORING, MONTHLY REVIEW AND PERFORMANCE EVALUATION**

[As per Technical Conditions of Contract , Volume-IF](#)

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2.10 TIME OF COMPLETION

[As per Technical Conditions of Contract , Volume-IF](#)

2.11 EXTENSION OF TIME FOR COMPLETION

- 2.11.1 If the completion of work as detailed in the scope of work gets delayed beyond the contract period, the contractor shall request for an extension of the contract and BHEL at its discretion may extend the Contract.
- 2.11.2 Based on the monthly reviews jointly signed, the works balance at the end of original contract period less the backlog attributable to the contractor shall be quantified, and the number of months of 'Time extension' required for completion of the same shall be jointly worked out. Within this period of 'Time extension', the contractor is bound to complete the portion of backlog attributable to the contractor. Any further 'Time extension' or 'Time extensions' at the end of the previous extension shall be worked out similarly.
- 2.11.3 However if any 'Time extension' is granted to the contractor to facilitate continuation of work and completion of contract, due to backlog attributable to the contractor alone, then it shall be without prejudice to the rights of BHEL to impose penalty/LD for the delays attributable to the contractor, in addition to any other actions BHEL may wish to take at the risk and cost of contractor.
- 2.11.4 A joint programme shall be drawn for the balance amount of work to be completed during the period of 'Time Extension', along with matching resources (with weightages) to be deployed by the contractor as per specified format. Review of the programme and record of shortfall shall be done every month of the 'Time extension' period in the same manner as is done for the regular contract period.
- 2.11.5 During the period of 'Time extension', contractor shall maintain their resources as per mutually agreed program
- 2.11.6 At the end of total work completion as certified by BHEL Engineer, and upon analysis of the total delay, the portion of time extensions attributable to (i) Contractor, (ii) Force majeure conditions, and (iii) BHEL, shall be worked out and shall be considered to be exhausted in the same order. The total period of time extensions shall be the sum of (i), (ii) and (iii) above and shall be equal to period between the scheduled date of completion and the actual date of completion of contract. LD shall be imposed/levied for the portion of time extensions attributable to contractor and recoverable from the dues payable to the contractor.

2.12 OVERRUN COMPENSATION

[As per Technical Conditions of Contract , Volume-IF](#)

2.13 INTEREST BEARING RECOVERABLE ADVANCES

[Not Applicable](#)

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2.14	<b>QUANTITY VARIATION</b>  <a href="#">As per Technical Conditions of Contract , Volume-IF</a>
2.15	<b>EXTRA WORKS</b>  <a href="#">As per Technical Conditions of Contract , Volume-IF</a>
2.16	<b>SUPPLEMENTARY ITEMS</b>
2.16.1	<b>For NON Civil Works</b> Supplementary items are items/works required for completion of entire work but not specified in the scope of work. Subject to certification of such items/works as supplementary items by BHEL Engineer, rates shall be derived on the basis of any one of the following on mutual agreement: <ul style="list-style-type: none"> <li>i) Based on percentage breakup/rates indicated for similar/nearby items</li> <li>ii) In case (i) above does not exist, then BHEL/site may derive the percentage breakup/rates to suit the type of work</li> </ul>
2.16.2	<b>For Civil Works</b> <ul style="list-style-type: none"> <li>i) <u>Rates for Supplementary Works/Additional Works arising out due to additions/alterations in the original scope of works as per contract subject to certification of BHEL Engineer shall be worked out as under:</u> <ul style="list-style-type: none"> <li>a) Item rates which are available in existing BOQ (Rate Schedule) shall be operated with applicable escalation derived from All India Consumer Price Index for Whole Sale Commodities</li> <li>b) Items of works which are not available in existing BOQ shall be operated as an 'Extra Works' and rate shall be derived as per clause no 2.15.7</li> </ul> </li> <li>ii) Execution of Supplementary Works/Additional Works through the Contractor shall be at the sole discretion of BHEL, and shall be considered as part of executed contract value for the purpose of Quantity Variation as per clause 2.14</li> <li>iii) BHEL Engineer's decision regarding fixing the rate as above is final and binding on the contractor.</li> <li>iv) PVC and ORC will not be applicable for (i) above.</li> </ul>
2.17	<b>PRICE VARIATION COMPENSATION</b>  <a href="#">Not Applicable</a>
2.18	<b>INSURANCE</b>
2.18.1	BHEL/their customer shall arrange for insuring the materials/properties of BHEL/customer covering the risks during transit, storage, erection and commissioning.
2.18.2	It is the sole responsibility of the contractor to insure his materials, equipments, workmen, etc. against accidents and injury while at work and to pay compensation, if any, to workmen as per Workmen's compensation Act. The work will be carried out in a protected area and all the rules and regulations of the client /BHEL in the area of project which are in force from time to time will have to be followed by the contractor.
2.18.3	If due to negligence and or non-observation of safety and other precautions by the contractors,

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any accident/injury occurs to the property / manpower belong to third party, the contractor shall have to pay necessary compensation and other expense, if so decided by the appropriate authorities.

2.18.4 The contractor will take necessary precautions and due care to protect the material, while in his custody from any damage/ loss due to theft or otherwise till the same is taken over by BHEL or customer. For lodging / processing of insurance claim the contractor will submit necessary documents. BHEL will recover the loss including the deductible franchise from the contractor, in case the damage / loss is due to carelessness / negligence on the part of the contractor. In case of any theft of material under contractor's custody, matter shall be reported to police by the contractor immediately and copy of FIR and subsequently police investigation report shall be submitted to BHEL for taking up with insurance. However this will not relieve the contractor of his contractual obligation for the material in his custody.

**2.19 STRIKES & LOCKOUT**

2.19.1 The contractor will be fully responsible for all disputes and other issues connected with his labour. In the event of the contractor's labour resorting to strike or the Contractor resorting to lockout and if the strike or lockout declared is not settled within a period of one month, BHEL shall have the right to get the work executed through any other agencies and the cost so incurred by BHEL shall be deducted from the Contractor's bills.

2.19.2 For all purposes whatsoever, the employees of the contractor shall not be deemed to be in the employment of BHEL

**2.20 FORCE MAJEURE**

The following shall amount to Force Majeure:-

2.20.1 Acts of God, act of any Government, War, Sabotage, Riots, Civil commotion, Police action, Revolution, Flood, Fire, Cyclones, Earth quake and Epidemic and other similar causes over which the contractor has no control.

2.20.2 If the contractor suffers delay in the due execution of the contractual obligation due to delays caused by force majeure as defined above, the agreed time of completion of the job covered by this contract or the obligations of the contractor shall be extended by a period of time equal to period of delay, provided that on the occurrence of any such contingency, the contractor immediately reports to BHEL in writing the causes of delay and the contractor shall not be eligible for any compensation.

**2.21 ARBITRATION & RECONCILIATION**

2.21.1 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 by the Contractor 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 to the sole arbitration of the arbitrator appointed by BHEL/In

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charge(Region).

The award of the Arbitrator shall be binding upon the parties to the dispute

Subject as aforesaid, the provisions of Arbitration and Reconciliation 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 the arbitration shall be the place from which the contract is issued or such other place as the Arbitrator at his discretion may determine

2.21.2 In case of Contract with Public Sector Enterprise (PSE) or a Government Department, the following shall be applicable :

In the event of any dispute or difference relating to the interpretation and application of the provisions of the Contract, such dispute or difference shall be referred to by either party to the arbitration of one of the arbitrators in the department of public enterprises. The award of the arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law and Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary or Additional Secretary when so authorized by the Law Secretary, whose decision shall bind the parties hereto finally and conclusively.

2.21.3 The cost of arbitration shall be borne equally by the parties.

2.21.4 Work under the contract shall be continued during the arbitration proceedings

2.22 **RETENTION AMOUNT**

[As per Technical Conditions of Contract , Volume-IF](#)

2.23 **PAYMENTS**

[As per Technical Conditions of Contract , Volume-IF](#)

2.23.1 **Final Bill**

Final Bill' is used for final payment on closing of Running Account for works or for single payment after completion of works. 'Final Bill' shall be submitted as per prescribed format after completion of works as per scope and upon material reconciliation, along with the following.

- i) 'No Claim Certificate' by contractor
- ii) Clearance certificates where ever applicable viz Clearance Certificates from Customer, various Statutory Authorities like Labour department, PF Authorities, Commercial Tax Department, etc
- iii) Indemnity bond as per prescribed format

BHEL shall settle the final bills after deducting all liabilities of Contractor to BHEL

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2.24	<p><b>PERFORMANCE GUARANTEE FOR WORKMANSHIP</b></p> <p style="text-align: center;"><u>As per Technical Conditions of Contract , Volume-IF</u></p>
2.25	<p><b>CLOSING OF CONTRACTS</b></p> <p>The Contract shall be considered completed and closed upon completion of all contractual obligations and settlement of Final Bill or completion of Guarantee period whichever is later. Upon closing of Contract, BHEL shall issue a completion certificate as per standard format, based on specific request of Contractor.</p>
2.26	<p><b>REVERSE AUCTION:</b></p> <p>BHEL reserves the right to go for Reverse Auction for Price Bid Opening by BHEL appointed service provider, instead of opening the submitted sealed price bid in the conventional way. The Business Rules for Reverse Auction shall be as per BHEL guidelines issued from time to time.</p>
2.27	<p><b>SUSPENSION OF BUSINESS DEALINGS</b></p> <p>BHEL reserves the right to take action against Contractors who either fail to perform or Tenderers/Contractor who indulge in malpractices, by suspending business dealings with them in line with BHEL guidelines issued from time to time.</p>
2.28	<p><b>OTHER ISSUES</b></p> <p>2.28.1 Value of Non judicial Stamp Paper for Bank Guarantees and for Contract Agreement shall be not less than Rs 100/- unless otherwise required under relevant statutes.</p> <p>2.28.2 In case of any conflict between the General Conditions of Contract and Special Conditions of Contract, provisions contained in the Special Conditions of Contract shall prevail.</p> <p>2.28.3 Unless otherwise specified in NIT, offers from consortium/JVs shall not be considered.</p> <p>2.28.4 BHEL may not insist for signing of Contract Agreements in respect of low value and short time period contracts like providing services for Hot water flushing, Chemical Cleaning, Transportation, etc</p>

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4	HSE & OHSAS Obligations	Chapter-IX	
5	Suspension of Business Dealings	Chapter-XII	

## SPECIAL CONDITIONS OF CONTRACT (SCC)

### Chapter - I : General Intent of Specification

<b>1.0</b>	<b>INTENT OF THE SPECIFICATION</b>
1.1	The intent of this erection specification is to provide services for execution of the project according to most modern and proven techniques and codes. The omission of specific reference to any method, equipment or material necessary for the proper and efficient services towards installation of the plant shall not relieve the contractor of the responsibility of providing such services / facilities to complete the work or portion of work awarded to him. The quoted / accepted rates / price shall deem to be inclusive of all such contingencies.
1.2	The work shall conform to dimensions and tolerances given in various drawings and documents that will be provided during erection. If any portion of works is found to be defective in workmanship and not conforming to drawings / documents or other stipulations, the contractor shall dismantle and re-do the work duly replacing the defective materials at their own cost, failing which recoveries, as determined by BHEL, shall be effected from contractor's bills.
1.3	It is not the intent of this specification to specify herein all the details of erection and commissioning. However, the system shall conform in all respects to high standards of quality and workmanship for performing the required duties in a manner acceptable to purchaser who will interpret the meaning of drawings and specifications and shall be entitled to reject any work or material, which in his judgments is not in full accordance herewith.
1.4	The omission of specific reference to any fabrication / erection or other method, equipment or material necessary for proper and efficient working of the plant shall not relieve the tenderer of the responsibility of providing such facilities to complete the work at quoted rates. Any mismatch/ defect found due to mistake in fabrication / erection shall have to be rectified by the vendor free of cost. Inspection by BHEL/Customer does not relieve vendor of his responsibility of executing quality erection.
1.5	The work covered under this specification is of highly sophisticated nature, requiring the best quality workmanship, supervision, engineering and construction management. The contractor should ensure proper planning and successful and timely completion of the work to meet the overall project schedule. The contractor must deploy adequate quantity of tools & plants, modern / latest construction aids etc. He must also deploy adequate trained, qualified and experienced supervisory staff and skilled personnel.

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**Chapter - I : General Intent of Specification**

1.6	Contractor shall erect and commission all the equipments and auxiliaries as per the sequence & methodology prescribed by BHEL depending upon the technical requirements. Availability of materials and fronts will decide this. BHEL Engineer's decision regarding correctness of the work and method of working shall be final and binding on the contractor. No claims for extra payment from the contractor will be entertained on the ground of deviation from the methods / sequence adopted in erection of similar sets elsewhere.
1.7	Following shall be the minimum responsibility of contractor and have to be provided within finally accepted rates / prices:
1.7.1	Provision as required of all types of labour, supervisors, engineers, watch and ward, tools & tackles, calibrated MMEs (Monitoring and Measuring Equipment) as specified and otherwise required for the work, consumables for erection, testing and commissioning including material handling
1.7.2	Achieving Proper out-turn / Turn-over as per BHEL plan and commitment.
1.7.3	Completion of work as per BHEL Schedule
1.7.4	Good quality and accurate workmanship for proper performance of the equipment
1.7.5	Repair and rectification
1.7.6	Preservation / Re-conservation of all components during storage / erection / commissioning till handing over.

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### Chapter - II : General Services to be rendered by the Bidder

2.0	<b>GENERAL SERVICES TO BE RENDERED BY THE BIDDER</b>
2.1	Services for construction, fabrication, equipment erection testing as well as trial run & commissioning of various equipment and accessories under the contract shall include but not be limited to the following:
2.2	Issuing materials from store/open yard from time to time for erection as per the construction programme. The Contractor shall be the custodian of all the materials issued till the plant/equipment is officially taken over by the owner / BHEL after complete erection any successful trial run & commissioning.
2.3	Transport of material to their respective places of erection and erection of the complete plant & equipment as supplied under this specification.
2.4	Trial run and commissioning of individual equipment / sub-systems to the satisfaction of Owner/BHEL.
2.5	Deployment of all skilled and unskilled manpower required for erection, supervision of erection, watch & ward, commissioning and other services to be rendered under this specification.
2.6	Deployment of all erection tools & tackle, construction machinery, transportation vehicles and all other implements in adequate number and size, appropriate for the erection work to be handled under scope of this specification except otherwise specified.
2.7	Supply of all consumables, eg welding electrodes, cleaning agents, diesel oil, lubricant etc as well as materials required for temporary supports, scaffolding etc as necessary for such erection work, unless specified otherwise.
2.8	Providing support services for the contractor's erection staff e.g. construction of site offices, temporary stores, residential accommodation and transport to work site for erection personnel, watch and ward for security and safety of the materials under the Contractor's custody etc. as required.
2.9	Maintaining proper documentation of all the site activities undertaken by the Contractor as per the proforma mutually agreed with BHEL, Submission of monthly progress reports and any such document as and when desired by BHEL/owner, taking approval of all statutory authorities i.e Boiler Inspector, Factory Inspector, Inspector of Explosives etc , as applicable for respective portions of work fall under the jurisdiction of such statutes of laws.
2.10	Any other service, although not specifically called for but required for a contract of the size and nature indicated in the specification.

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## Chapter - V: Responsibilities of Contractor

5.0	<b>RESPONSIBILITIES OF CONTRACTOR IN RESPECT OF LABOUR, SUPERVISORY STAFF, ETC.</b>
5.1	Refer relevant clauses of General Conditions of Contract (GCC) also in this regard
5.2	The contractor shall deploy all the necessary skilled/semiskilled/ unskilled labour including highly skilled workmen etc. These workmen should have previous experience on similar job. They shall hold valid certificates wherever necessary. BHEL reserves the right to insist on removal of any employee of the contractor at any time if he is found to be unsuitable and the contractor shall forthwith remove him.
5.3	Contractor shall also comply with the requirements of local authorities/ project authorities calling for police verification of antecedents of the workmen, staff etc.
5.4	It is the responsibility of the contractor to engage his workmen in shifts and or on overtime basis for achieving the targets set by BHEL. This target may be set to suit BHEL's commitments to its customer or to advance date of completion of events or due to other reasons. The decision of BHEL in regard to setting the erection and commissioning targets will be final and binding on the contractor.
5.5	Contractor shall provide at different elevation suitable arrangement for urinal and drinking water facility with necessary plumbing & disposal arrangement including construction of septic tank. These installations shall be maintained in hygienic condition at all times.
5.6	The Contractor in the event of engaging 20 or more workmen, shall obtain Independent license under the Contract labour (Regulation and Abolition) Act 1970 from the concerned authorities based on Form-V issued by the Principal Employer/Customer. In order to issue Form-V by Customer, Contractor shall fulfill all Statutory requirements like Insurance Policy, PF Code/PF Account number etc as per the requirement of BHEL/Customer
5.7	Contractor shall deduct the necessary amount towards Provident Fund and contribute equal amount as per Government of India laws. This amount will be deposited regularly to the provident Fund Commissioner. BHEL/Customer may insist for submission of the account code duly certified by PF Commissioner
5.8	Contractor may also be required to comply with provisions of ESI Act in vogue if applicable and submit evidence to BHEL.
5.9	BHEL / customer may insist for witnessing the regular payment to the labour. They may also like to verify the relevant records for compliance with statutory requirements. Contractor shall enable such facilities to BHEL / Customer.

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**Chapter - V: Responsibilities of Contractor**

5.10	Contractor shall deploy only qualified and experienced engineers/ supervisors. They shall have professional approach in executing the work.
5.11	The contractor's supervisory staff shall execute the work in the most professional manner in the stipulated time. Accuracy of work and aesthetic finish are essential part of this contract. They shall be responsible to ensure that the assembly and workmanship conform to dimensions and tolerances given in the drawings/instructions given by BHEL engineer from time to time.
5.12	The supervisory staff employed by the contractor shall ensure proper outturn of work and discipline on the part of the labour put on the job by the contractor. Also in general they should see that the works are carried out in a safe and proper manner and in coordination with other labour and staff employed directly by BHEL or other contractors of BHEL or BHEL's client.
5.13	It is the responsibility of the contractor to arrange gate pass for all his employees, T&P etc for entering the project premises. Necessary coordination with customer officials is the responsibility of the contractor. Contractor to follow all the procedures laid down by the customer for making gate passes. Where permitted, by customer / BHEL, to work beyond normal working hours, the contractor shall arrange necessary work permits for working beyond normal working hours.
5.14	The actual deployment will of Labour and Engineer/supervision staff shall be so as to satisfy the erection and commissioning targets set by BHEL. If at any time, it is found that the contractor is not in a position to deploy the required engineers/supervisors/workmen due to any reason, BHEL shall have the option to make alternate arrangements at the contractor's risk and cost. The expenditure incurred along with BHEL overheads thereon shall be recovered from the contractor
5.15	Contractor shall not deploy women labour at night.

# SPECIAL CONDITIONS OF CONTRACT (SCC)

## Chapter - IX: HSE & OHSAS

9.0	<b>OCCUPATIONAL HEALTH, SAFETY &amp; ENVIRONMENT MANAGEMENT/ QUALITY ASSURANCE PROGRAMME :</b> BHEL, Power Sector Regions (PSNR/ER/WR/SR) are each certified for ISO 9001. Quality of work to customer's satisfaction and fulfillment of system requirements are the essence of ISO 9001 certification. BHEL, PS Regions have HSE certification (ISO 14001 & OHSAS 18001) and therefore Contractor also shall organize/ plan/ perform all their activities to meet with the applicable requirements of these standards.
9.1	<b>HSE (Health, safety &amp; Environment):</b> Contractor will comply with HSE (Health, safety & Environment) requirements of BHEL. HSE requirements in brief, are given below :-
9.1.1	Contractor will nominate one of their qualified and experienced employees as Safety Officer, who will be responsible for all HSE related issues of contractors work area. Safety Officer will have authority to stop any activity, in case he observes that the activity is not being carried out in safe manner. He will conduct surprise inspection as well as periodic inspection/drill (at least once in a month) and submit such reports to BHEL. He will conduct periodic meetings with supervisors of different working groups and explain HSE issues and use of PPEs to them. Reports of such meetings will be submitted to BHEL. Contractor will develop suitable work procedures based upon HSE guidelines and OCPs and implement it. Such work procedures will consist of Area of work, T&P Details, Work Procedure, PPE requirements etc. Please refer Schedule VIII of BOCW Rules for number of safety officers, qualification, duties etc.  Contractor should highlight the requirement of safety to staff and labour through daily tool box meeting before start of the days job.  Contractor to also submit monthly safety reports as per the format/procedure of BHEL.
9.1.2	The contractor shall arrange induction and regular health check of their employees as per schedule VII of BOCW rules by a registered medical practitioner. The contractor shall take special care of the employees affected with occupational diseases under rule 230 and schedule II of BOCW Rules. The employees not meeting the fitness requirement should not be engaged for such job

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9.1.3	Following personnel protective equipments (PPEs), in adequate numbers, will be made available at site & their regular use by all concerned will be ensured :- - HELMET - SAFETY GOGGLES & WELDING FACE SHIELDS - SAFETY BELTS AND PROTECTIVE NET FOR WORKING AT HEIGHT - SAFETY SHOES - EAR PLUG - ANY OTHER SAFETY EQUIPMENT REQUIRED FOR SAFE COMPLETION OF THE WORK Contractor to also submit monthly reports on above as per the format/procedure of BHEL.
9.1.4	Providing appropriate First Aid facilities for prompt treatment of injuries and illness at work place. Arranging training to contractor workmen/ employees for giving first aid.
9.1.5	Arranging ambulance in case of any emergency situation .
9.1.6	Identification of nearest hospital and health check-up of workmen/employees
9.1.7	Providing filtered drinking water at work place in cool container.
9.1.8	Providing Canteen, Rest Room, Washing facilities to the contracted employees as per provisions of Contract Labour Regulation Act 1970 (Chapter V).
9.1.9	Providing appropriate fire fighting equipment at designated work place and nominate a fire officer/warden adequately trained for his job.
9.1.10	Identification of nearest fire station and display contact telephone nos. / person's name around work places for cases of emergencies .
9.1.11	Providing adequate no. of 24 V sources and ensure that no hand lamps are operating at voltage level above 24 Volts.
9.1.12	Fulfilling safety requirements at all power tapping points.
9.1.13	Red & White caution tape of proper width(1.5 to 2 inch) to be used for cordoning unsafe area such as open trench, excavation area etc.
9.1.14	Providing contractors company logo on cloths /uniform/ proper identity cards with photographs, for correct identification of people working at project site .
9.1.15	High/ Low pressure welders to be identified with separate colour clothings. No welders will be deployed without passing appropriate tests and holding valid welding certificates. Approved welding procedure should be displayed at work place.

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9.1.16	Displaying safe handling procedures for all chemicals such as lube oil, acid, alkali, sealing compounds etc , at work place .
9.1.17	All scaffolding/ platforms should be made from materials of appropriate quality/grade so that these are safe for use. It should be certified/declared safe for use by an experienced contractor person, before any scaffolding/platform is used. Please refer IS:3696 part 1&2 and 4014 part 1 & 2
9.1.18	All T&Ps/ MMEs should be of reputed brand/appropriate quality & must have valid test/calibration certificates bearing endorsement from competent authority of BHEL.. Contractor to also submit monthly reports of T&Ps deployed and validity test certificates to BHEL safety Officer as per the format/procedure of BHEL.
9.1.19	Ensure that the regulatory requirement of excessive weight limit (to carry/lift/ move weights beyond prescribed limits) for male and female workers are complied with.
9.1.20	Safety slogan, Safety/ Caution boards , wherever required to be displayed in consultation with BHEL.
9.1.21	Take suitable measures for waste management and environment related laws/legislation as a part of normal construction activities. Compliance with the legal requirements on storage/ disposal of paint drums (including the empty ones), Lubricant containers, Chemical Containers, and transportation and storage of hazardous chemicals will be strictly maintained. Ensure proper cleanliness of work place, housekeeping and waste management (including proper waste disposal ) on daily basis.
9.1.22	It is imperative on the part of the contractor to join and effectively contribute in joint measures such as tree plantation, environment protection, contributing towards social upliftment, conversion of packing woods to school furniture, keeping good relation with local populace etc.
9.1.23	The contractor shall carry out periodic air and water quality check and illumination level checking in his area of work place and take suitable control measure.
9.1.24	The Contractor is required to provide proper safety net systems (IS-11057) where ever the hazard of fall from height is present as per instruction of BHEL Engineer. The safety nets shall be fire resistant, duly tested and shall be of ISI Mark and the nets shall be located as per site requirements to arrest or to reduce the consequences of a possible fall of persons working at different heights.

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9.1.25	<p>All applicable OCPs (Operational control procedures) will be followed by contractor as per BHEL instructions. This will be done as part of normal scope of work. List of such OCPs is given below . In case any other OCP is found to be applicable during the execution of work at site, then contractor will follow this as well, within quoted rate. These OCPs (applicable ones) will be made available to contractor during work execution at site. However for reference purpose, these are kept with Safety Officer of BHEL at the Power Sector Regional HQ, or available in downloadable format in the website, which may be refereed by contractor, if they so desire.</p>
	<ul style="list-style-type: none"> <li>■ OCP for safe handling of chemicals</li> <li>■ OCP for Electrical safety</li> <li>■ OCP for energy conservation</li> <li>■ OCP for safe welding and gas cutting operation</li> <li>■ OCP for fire safety</li> <li>■ OCP for safety in use of hand tools</li> <li>■ OCP for first aid</li> <li>■ OCP for food safety at canteen</li> <li>■ OCP for safety in use of cranes</li> <li>■ OCP for storage and handing of gas cylinders</li> <li>■ OCP for manual arc welding</li> <li>■ OCP for safe use of helmets</li> <li>■ OCP for good house keeping</li> <li>■ OCP for working at height</li> <li>■ OCP for safe excavation</li> <li>■ OCP for safe filling of Hydrogen in cylinder</li> <li>■ OCP for illumination</li> <li>■ OCP for handling and erection of heavy metals</li> <li>■ OCP for safe acid cleaning</li> <li>■ OCP for safe alkali boil out</li> <li>■ OCP for safe oil flushing</li> <li>■ OCP for steam blowing</li> <li>■ OCP for safe working in confined area</li> <li>■ OCP for safe operation of passenger lift, material hoists &amp; cages</li> <li>■ OCP for Vehicle maintenance</li> <li>■ OCP for safe radiography</li> <li>■ OCP for waste disposal</li> </ul>

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	■ OCP for working at night
	■ OCP for blasting
	■ OCP for DG Set
	■ OCP for handling & storage of mineral wool
	■ OCP for drilling, reaming and grinding(machining) etc.
	■ OCP for hydraulic test
	■ OCP for spray insulation
	■ OCP for trial run of rotary equipment
	■ OCP for stress relieving
	■ OCP for material preservation
	■ OCP for cable laying/tray work
	■ OCP for electrical maintenance
	■ OCP for transformer charging
	■ OCP for safe handling of battery system
	■ OCP for computer operation
	■ OCP for storage in open yard
	■ OCP for sanitary maintenance
	■ OCP for batching
	■ OCP for piling rig operation
	■ OCP for gas distribution test
	■ OCP for cleaning of hotwell / deaerator
	■ OCP for electro-resistance heating
	■ OCP for compressor operation
	■ OCP for O&M of control of AC plant & system
	■ OCP for air compressor
	■ OCP for passivation
	■ OCP for Safe EDTA Cleaning
	■ OCP for Safe Chemical cleaning of Pre boiler system
	■ OCP for Safe Boiler Light up
	■ OCP for Safe Rolling and Synchronisation
	■ OCP for Safe Loading of Unit
9.2	<p><b>SAFETY AND CLEANLINESS :</b></p> <p>The contractor shall take all necessary safety precautions and arrange for appropriate appliances as per discretion of BHEL or its authorised officials (Site Construction Manager) to prevent loss of human lives, injuries, to personnel engaged and damage to property. Before commencing the work, the contractor</p>

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	shall submit a "Safety Plan" to the above authorised BHEL official and obtain approval on the same. The safety plan shall indicate in detail the measures that would be taken by the contractor to ensure safety of men, equipment, materials and environment during execution of the work. This will also include an organization structure, role and responsibilities of the concerned key personnel, the safety practices that will be followed, PPEs deployed, plan for handling critical activities and emergencies.
9.3	If the contractor fails to take appropriate safety precautions or to provide necessary safety devices and equipment or to carry out instructions issued by the authorised BHEL official, BHEL shall have the right to take corrective steps at the risk and cost of the contractor.
9.4	During the course of construction, alternation or repairs, scrap with protruding nail, sharp edge etc and all other debris shall be kept clean from working areas, passage, ways and stairs in and around site.
9.5	Combustible scrap and debris shall be removed at regular intervals during the course of execution. Safe means shall be provided to facilitate such removal. The combustible scrap should be stored in safe place away from the plant materials to avoid fire accidents. The area shall be chosen in consultation with the Engineer and to be cordoned off.
9.6	Rigging equipment for materials handling shall be inspected prior to use in each shift and as necessary during its use to ensure that it is safe. Defective rigging equipment will be removed from service.
9.7	Rigging equipment shall not be loaded in excess of its recommended safe working load. Rigging equipment, when not in use, shall be removed from the original work area so as not to present a hazard to employees.
9.8	Contractor shall notify the engineer, of his intention to bring on to site any equipment or any container, with liquid or gaseous fuel or other substance which may create a hazard. The Engineer shall have the right to prescribe the condition under which such equipment or container may be handled and used during the performance of the works and the contractor shall strictly adhere to such instructions. The Engineer shall have the right to inspect any construction tool and to forbid its use, if in his opinion it is unsafe. No claim due to such prohibition will be entertained.

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9.9	Where it is necessary to provide and/or store petroleum products or petroleum mixture & explosives, the contractor shall be responsible for carrying out such provision / storage in accordance with the rules & regulations laid down in the relevant petroleum act, explosive act and petroleum and carbide of calcium manual, published by the chief inspector of explosives of India. All such storage shall have prior approval if necessary from the chief inspector of explosives or any other statutory authority. The contractor shall be responsible for obtaining the same.
9.10	Cylinders shall be moved by tilting and rolling them on their bottom edges. They shall not be intentionally dragged, struck or permitted to strike each other violently.
9.11	When cylinders are transported by powered vehicle they shall be secured in a vertical position.
9.12	All workmen of the contractor working on construction area shall wear safety shoes, hand gloves, safety helmets and safety belt as applicable. The contractor shall provide to its workforce and ensure the use of following personnel protective equipment as found necessary and as directed by BHEL.
9.12.1	Safety Helmets conforming to IS-2925 : 1984
9.12.2	Safety Belts conforming to IS-3521:1983
9.12.3	Safety Shoes conforming to IS-1989 : 1978
9.12.4	Eye and face protection devices conforming to IS – 1179:1967, IS 5983:1980, IS 8521 Part 1:1977, IS 8521 Part 2: 1994.
9.12.5	Hand and body protection devices conforming to IS 4770:1991 and IS- 6994 : Part 1: 1973, IS – 8619 : 1977
9.12.6	Ear protection IS-9167:1979
9.12.7	Respiratory Protective Devices as per IS-9473:2002, i4746:1999 and 14166:1994
9.13	The contractor shall insure his workmen against all accidents and the policy shall be presented to BHEL Engineer on demand. Other wise, BHEL will arrange the same and the expenditure towards this will be debited to the contractor. In case of a fatal or disabling injury accident to any person at construction site due to lapses by the contractor, the victim and/or his/her

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	dependents shall be compensated by the contractor as per statutory requirements. However, if considered necessary BHEL shall have the right to impose appropriate financial penalty on contractor and recover the same from payments due to the contractor for suitably compensating the victim and/or his/her dependence before imposing any such penalty. Appropriate enquiry shall be held by BHEL giving opportunity to the contractor for presenting his case. Above safety conditions are not exhaustive but gives an idea for the contractor and contractor shall adhere to all safety precaution given by the Engineer at site.
9.14	The contractor shall arrange at his cost adequate lighting facilities e.g. flood lighting, hand lamps, area lighting etc. at various levels for safe and proper working operations during night hours at the work spot as well as at the pre-assembly area.
9.15	The contractor shall be responsible for provision of all the safety notices and safety equipment as enjoined on him by the application of relevant statutory regulation / provisions and/or as called upon by BHEL from time to time. He shall be held responsible for any violation of statutory regulations (local, state or central) and BHEL instruction that may endanger safety of men, equipment and material.
9.16	The contractor shall provide temporary fencing wherever required as a safety measure against accident and damage to properties. Suitable caution notices shall be displayed where access to any part is found to be unsafe and hazardous.
9.17	Contractor shall ensure safety of all the workmen, material and equipment either belonging to him or to others working at site. He shall observe safety rules and codes applied by BHEL without exception.
9.18	It will be the responsibility of the contractor to ensure safe lifting of the equipment, taking due precaution to avoid any accident and damage to other equipment and personnel. All requisite tests and inspection of handling equipment, tools & tackle shall be periodically done by the contractor by engaging only the COMPETENT PERSONS as per law. Defective equipment or uncertified shall be removed from service. Any equipment shall not be loaded in excess of its recommended safe working load.

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9.19	The contractor shall provide necessary first aid facilities as per schedule III. In addition, ambulance facilities, OHC and CMO as per schedule IV, V, X and XI of BOCW Rules as applicable for all his employees, representatives and workmen at site and BHEL shall have no obligation in this regard. The first aid boxes should be placed at various elevations so as to make them available within the reach and at the quickest possible time. The contractor should conduct periodical first –aid classes to keep his supervisor and Engineers properly trained for attending to any emergency.
9.20	Training
9.20.1	The contractor shall arrange induction safety training for all employees before assigning work. In addition, awareness programme, mock drill at regular intervals and daily tool box meetings shall be arranged. Monthly report of the above to be given to BHEL safety Officer as per prescribed BHEL formats
9.20.2	All the contractor’s supervisory personnel and sufficient number of workers shall be trained for fire protection systems. Enough number of such trained personnel must be available during the tenure of contract. Contractor should nominate his supervisor to coordinate and implement the safety measures.
9.21	Contractor shall provide enough fire protecting equipment of the types and numbers at his office, stores, temporary structure in labour colony etc. Such fire protection equipment shall be easy and kept open at all times. The fire extinguishers shall be properly refilled and kept ready which should be certified at periodic intervals. The date of changing should be marked on the Cylinders. All other fire safety measures as laid down in the “codes for fire safety at construction site” issued by safety coordinator of BHEL shall be followed. Non-compliance of the above requirement under fire protection shall in no way relieve the contractor of any of his responsibility and liabilities to fire accident occurring either to his materials or equipment or those of others. Emergency contacts nos must be displayed at prominent locations
9.22	The contractor shall at his cost, remove from vicinity of work at least once each day all combustible waste, scrap, painting materials, rubbish, unused or other materials and deposit them in places specified by BHEL to keep the work site clear and tidy. Use of undercoated canvas paper, corrugated paper, fabricated carton, plastic or other flammable materials shall be restricted to the minimum and promptly removed.

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9.23	The contractor shall not use any hand lamp energized by Electric power with supply voltage of more than 24 volts in confined spaces like inside water boxes, turbine casings, condensers etc.
9.24	All portable electric tools used by the contractor shall have safe plugging system to source of power and be appropriately earthed. Only electricians licensed by appropriate statutory authority shall be employed by the contractor to carry out all types of electrical works. Details of earth resource and their test date to be given to BHEL safety officer as per the prescribed formats of BHEL
9.25	In case of any delay in completion of a job due to mishaps attributable to lapses by the contractor, BHEL shall have the right to recover cost of such delay from the payments due to the contractor, after notifying the contractor suitably.
9.26	Valve protection caps shall be kept in place and secured.
9.27	The contractor shall be responsible for the safe storage and handling of his radio-active sources as per BARC rules and regulations.
9.28	Tarpaulin being inflammable should not be used (instead, only non infusible covering materials shall be used) as protective cover while preheating, welding, stress relieving etc. at site.
9.29	If the contractor fails to improve the standards of safety in its operation to the satisfaction of BHEL after being given reasonable opportunity to do so and/or if the contractor fails to take appropriate safety precautions or to provide necessary safety devices and equipment or to carry out instruction regarding safety issued by BHEL, BHEL shall have the right to take corrective steps at the risk and cost of the contractor after giving a notice of not less than 7 days indicating the steps that would be taken by BHEL.
9.30	If the contractor succeeds in carrying out its job in time with out any fatal or disabling injury accident and without any damage to property BHEL may, at its sole discretion, favorably consider to reward the contractor suitably for the performance.
9.31	The contractor shall carefully follow the safety requirement of BHEL/ the purchaser with the regard to voltages used in critical areas.
9.32	The contractor shall use only properly insulated and armored cables which conform to the requirement of Indian Electricity Act and Rules for all wiring, electrical applications at site. BHEL reserves the right to replace any unsafe

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	electrical installations, wiring, cabling etc. at the cost of the contractor. All electrical appliances used in the work shall be in good working condition and shall be properly earthed. No maintenance work shall be carried out on live equipment. The contractor shall maintain adequate number of qualified electricians to maintain his temporary electrical installations. Area wise Electrical safety inspection is to be carried out on monthly basis as per "Electrical Safety Inspection checklist" and the report is to be submitted to BHEL safety officer
9.33	The contractor shall arrange adequate number of persons specifically for clearing any debris and for house keeping of the erection area including restacking of components in the erection areas. Housekeeping to be carried out as per BHEL's checklist and report is to be submitted to BHEL safety officer
9.34	In case of any damage to property due to lapses by the contractor, BHEL shall have the right to recover the cost of such damages from the contractor after holding an appropriate enquiry.
9.35	The contractor shall submit report of all accidents, fires and property damage etc to the Engineer immediately after such occurrence, but in any case not later than 24 hours of the occurrence. Such reports shall be furnished in the manner prescribed by BHEL. In addition periodic reports on safety shall also be submitted by the contractor to BHEL from time to time as prescribed by the Engineer. Compiled monthly reports of all kinds of accidents, fires and property damage to be submitted to BHEL safety officer as per prescribed formats
9.36	Before commencing the work, the contractor shall appoint/nominate a responsible person to supervise implementation of all safety measures and liaison with his counterpart of BHEL.
9.37	Suitable scaffolds shall be provided for workman for all works that cannot safely be done from the ground, or from solid construction except in the case of short duration of work which can be done safely from ladders. When a ladder is used, it shall be of rigid construction made of steel. The steps shall have a minimum width of 45 cm and a maximum rise of 30 cm. Suitable handholds of good quality wood or steel shall be provided and the ladder shall be given an inclination not steeper than ¼ horizontal and 1 vertical.
9.38	Scaffolding or staging more than 3.6 m above the ground floor, swung or suspended from an overhead support or erected with stationery support shall

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	have a guard rail properly bolted, braced or otherwise secured, at least 90 cm above the floor or platform of such scaffolding or staging and extending along the entire length of the out side and ends thereof with only such openings as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from savor, from swaying, from the building or structure.
9.39	Working platforms, gangways and stairways shall be so constructed that they do not sag unduly or unequally and if the height of the platform gangways provided is more than 3.6 m above ground level or floor level, they shall be closely boarded and shall have adequate width which shall not be less than 750 mm and be suitably fenced as described above.
9.40	Every opening in the floor or a building or in a working platform shall be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be 90 cm.
9.41	Wherever there are open excavation in ground, they shall be fenced off by suitable railing and danger signals installed at night so as to prevent persons slipping into the excavations.
9.42	Safe means of access shall be provided to all working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9 m in the length while the width between side rails in rung ladder shall in no case be less than app. 29.2 cm for ladder upto and including 3 m in length. For longer ladders this width shall be increased at least ¼" for each additional foot of length.
9.43	A sketch of the ladders and scaffolds proposed to be used shall be prepared and approval of the Engineer obtained prior to Construction.
9.44	All personnel of the Contactor working within the plant site shall be provided with safety helmets. All welders shall wear welding goggles while doing welding work and all metal worker shall be provided with safety gloves. Persons employed on metal cutting and grinding shall wear safety glasses.
9.45	Adequate precautions shall be taken to prevent danger for electrical equipment. No materials on any of the sites of work shall be so stacked or placed as to cause danger or inconvenience to any person or the public.
9.46	All trenches, four feet or more in depth, shall at all times be supplied with at least one ladder for each 30 m in length or fraction thereof. The ladder shall be extended from bottom of the trench to at least 90 cm above the surface of the

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	ground. Sides of the trenches which are 1.50 m or more in depth shall be stepped back to give suitable slope or securely held by timer bracing, so as to avoid the danger of sides collapsing. The excavated materials shall not be placed within 1.5 m of the edges of the trench or half of the depth of the trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or undercutting shall be done.
9.47.1	The contractor shall take permission of BHEL prior to risky jobs such as working at height, hot work, liftig activities, etc through permits. No job should be started without permits.
9.47.2	The Contactor shall take all measures at the sites of the work to protect all persons from accidents and shall be bound to bear the expenses of defense of every suit, action or other proceeding at law that may be brought by any persons for injury sustained or death owing to neglect of the above precautions and to pay any such persons such compensation or which may with the consent of the Contractor be paid to compromise any claim by any such person should such claim proceeding be filed against BHEL, the Contractor hereby agrees to indemnify BHEL against the same.
9.48	Before any demolition work is commenced and also during the process of the work the following shall be ensured:
9.48.1	All roads and open areas adjacent to the work site shall either be closed or suitably protected.
9.48.2	No electric cable or apparatus which is liable to be a source of danger nor a cable or an apparatus used by the operator shall remain electrically charged.
9.48.3	All practical steps shall be taken to prevent danger to persons employed from the risks of fire or explosion or flooding. No floor, roof or other part of the building shall be so overloaded with debris or materials as to render them unsafe.
9.49	All necessary personnel safety equipment as considered adequate by the Engineer should be kept available for the use of the persons employed in the Site and maintained in a condition suitable for immediate use and the Contactor should take adequate steps to ensure proper use of equipment by those concerned.
9.49.1	Workers employed on mixing asphalted materials, cement and lime mortars

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	shall be provided with protective foot wear and protective goggles.
9.49.2	Those engaged in white washing and mixing or stacking of cement bags or any materials which is injurious to the eyes shall be provided with protective goggles.
9.49.3	Those engaged in welding works shall be provided with welder's protective eyesight lids.
9.49.4	Stone breakers shall be provided with protective goggles and protective clothing and seated sufficient to safe intervals.
9.49.5	Where workers are employed in sewers and manholes, which are in use, the Contractor shall ensure that the manhole covers are opened and ventilated at least for an hour before the workers are allowed to get into manhole, and the manholes so opened shall be cordoned off with suitable railing and provided with warning signals or boards to prevent accident to the public.
9.49.6	The Contractor shall not employ men below the age of 18 years and women on the work of painting with products containing lead in any form. Wherever men above the age of 18 are employed on the work of lead painting, the following precautions should be taken.
9.49.6.1	No paint containing lead or lead products shall be used except in the form of paste or ready made paint.
9.49.6.2	Suitably face masks should be supplied for use by the workers where paints are applied in the form of spray or a surface having lead paint dry rubbed and scrapped.
9.49.6.3	Overalls shall be supplied by the Contractor to the workmen and adequate facilities shall be provided to enable the working painters to wash during the cessation of work.
9.50	When the work is being done near any place where there is risk of drowning all necessary equipment should be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision should be made for prompt first aid treatment of all injuries likely to be sustained during the course of the work.
9.51	Motors, gearing, transmission, electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safe guards. Hoisting appliance should be provided with such means as will reduce to the minimum

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	the risk of any part of a suspended load becoming accidentally displaced. When workers employed on electrical installations which are already energized, insulating mats, wearing apparel, such as gloves, sleeves and boots as may be necessary should be provided. The worker should not wear any rings, watches and carry keys or other materials which are good conductor of electricity.
9.52	All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in safe condition and no scaffold, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities should be provided at or near the places of work.
9.53	The contractor shall maintain and ensure necessary safety measures as required for inspection and tests HV test, Pneumatic test, Hydraulic test, Spring test, Bend test etc as applicable, to enable inspection Agency for performing Inspection. If any test equipment is found not complying with proper safety requirements then the Inspection Agency may withhold inspection, till such time the desired safety requirements are met.
9.54	The Contractor shall notify BHEL of his intention to bring to site any equipment or material which may create hazard. BHEL shall have the right to prescribe the conditions under which such equipment or materials may be handled and the contractor shall adhere to such instructions. BHEL may prohibit the use of any construction machinery, which according to him is unsafe. No claim for compensation due to such prohibition will be entertained by BHEL.
9.55	All safety precautions shall be taken for welding and cutting operations as per IS-818. All safety precautions shall be taken for foundation and other excavation marks as per IS-3764.
9.56	.All gas cylinders shall be stored in upright position. Suitable trolley shall be used. There shall be flash-back arrestors conforming to IS-11006 at both cylinder and burner ends. Damaged tube and regulators must be immediately replaced. No of cylinders shall not exceed the specified quantity as per OCP
9.57	These safety provisions should be brought to the notice of all concerned by display on a notice board at a prominent, place at work spot. The persons responsible for compliance of the safety code shall be named therein by the Contractor
9.58	To ensure effective enforcement of the rules and regulations relating to safety precautions the arrangement made by the contract shall be open to inspection

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	by the Engineer of the Engineer's Representative.																																								
9.59	Keeping the work area clean/ free from debris, removed scaffoldings, scraps, insulation/sheeting wastage /cut pieces, temporary structures, packing woods etc. will be in the scope of the contractor. Such cleanings has to be done by contractor within quoted rate, on daily basis by an identified group. If such activity is not carried out by contractor / BHEL is not satisfied, then BHEL may get it done by other agency and actual cost alongwith BHEL overheads will be deducted from contractor's bill. Such decisions of BHEL shall be binding on the contractor.																																								
9.60	<p>Notwithstanding the above clauses there is nothing to exit the Contractor from the operations of any other Act or Rule in force in area of work in this respect.</p> <p>Provided always that all safety measures apart from those specifically provided in this agreement which are brought to the notice of the Contractor from time to time by the Engineer shall be complied by the Contractor. Provided further that all consequences, damages, or losses arising by reason of any safety code shall be met with by the Contractor.</p>																																								
9.61	<p><b><u>NON COMPLIANCE:-</u></b>  NONCONFORMITY OF SAFETY RULES AND SAFETY APPLIANCES WILL BE VIEWED SERIOUSLY AND BHEL HAS RIGHT TO IMPOSE FINES ON THE CONTRACTOR AS UNDER <b><u>for every instance of violation noticed:</u></b></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 10%;">SN</th> <th style="width: 70%;">Violation of Safety Norms</th> <th style="width: 20%;">Fine (in Rs)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">01</td> <td>Not Wearing Safety Helmet</td> <td style="text-align: center;">50/- *</td> </tr> <tr> <td style="text-align: center;">02.</td> <td>Not wearing Safety Belt or not anchoring life line</td> <td style="text-align: center;">100/-*</td> </tr> <tr> <td style="text-align: center;">03</td> <td>Not wearing safety shoe</td> <td style="text-align: center;">100/-*</td> </tr> <tr> <td style="text-align: center;">04</td> <td>Not keeping gas cylinders vertically</td> <td style="text-align: center;">100/-</td> </tr> <tr> <td style="text-align: center;">05</td> <td>Not using flash back arrestors</td> <td style="text-align: center;">50/-</td> </tr> <tr> <td style="text-align: center;">06</td> <td>Not wearing gloves</td> <td style="text-align: center;">50/- *</td> </tr> <tr> <td style="text-align: center;">07.</td> <td>Grinding Without Goggles</td> <td style="text-align: center;">50/- *</td> </tr> <tr> <td style="text-align: center;">08.</td> <td>Not using 24 V Supply For Internal Work</td> <td style="text-align: center;">500/-</td> </tr> <tr> <td style="text-align: center;">09.</td> <td>Electrical Plugs Not used for hand Machine</td> <td style="text-align: center;">100/-</td> </tr> <tr> <td style="text-align: center;">10.</td> <td>Not Slings property</td> <td style="text-align: center;">200/-</td> </tr> <tr> <td style="text-align: center;">11.</td> <td>Using Damaged Sling</td> <td style="text-align: center;">200/-</td> </tr> <tr> <td style="text-align: center;">12.</td> <td>Lifting Cylinders Without Cage</td> <td style="text-align: center;">500/-</td> </tr> </tbody> </table>		SN	Violation of Safety Norms	Fine (in Rs)	01	Not Wearing Safety Helmet	50/- *	02.	Not wearing Safety Belt or not anchoring life line	100/-*	03	Not wearing safety shoe	100/-*	04	Not keeping gas cylinders vertically	100/-	05	Not using flash back arrestors	50/-	06	Not wearing gloves	50/- *	07.	Grinding Without Goggles	50/- *	08.	Not using 24 V Supply For Internal Work	500/-	09.	Electrical Plugs Not used for hand Machine	100/-	10.	Not Slings property	200/-	11.	Using Damaged Sling	200/-	12.	Lifting Cylinders Without Cage	500/-
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	13.	Not Using Proper Welding Cable With Lot of Joints And Not Insulated Property.	200/-
	14.	Not Removing Small Scrap From Platforms	200/-
	15.	Gas Cutting Without Taking Proper Precaution or Not Using Sheet Below Gas Cutting	200/-
	16.	Not Maintaining Electric Winches Which are Operated Dangerously	500/-
	17.	Improper Earthing Of Electrical T&P	500/-
	18.	No or improper barricading	500/-
	19.	Activity carried out without Safety work permit (Height work, Lifting activity, Hot work-each person/case)	1000/-
	20.	Accident Resulting in Partial Loss in Earning Capacity	25,000/- per victim
	21.	Fatal Accident/Accidents Resulting in total loss in Earning Capacity	1,00,000/- per victim #
<p>Legend:-*: per head, #: or as deducted by Customer whichever is higher</p> <p>Any other non-conformity noticed not listed above will also be fined as deemed fit by BHEL. The decision of BHEL engineer is final on the above. The amount will be deducted from running bills of the contractor. The amount collected above will be utilized for giving award to the employees who could avoid accident by following safety rules. Also the amount will be spent for purchasing the safety appliances and supporting the safety activity at site.</p>			
9.61	<p><b><u>CITATION</u></b>:-If safety record of the contractor in execution of the awarded job is to the satisfaction of safety department of BHEL, issue of an appropriate certificate to recognize the safety performance of the contractor may be considered by BHEL after completion of the job</p>		

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9.62

**MEMORANDUM OF UNDERSTANDING**

After Award Of Work, Contractors Are Required To Enter Into A Memorandum Of Understanding As Given Below:

**Memorandum of Understanding**

- BHEL, Power Sector \_\_\_\_\_ Region is committed to Health, Safety and Environment Policy (EHS Policy).
- M/s \_\_\_\_\_ do hereby also commit to the same EHS Policy while executing the Contract Number \_\_\_\_\_
- M/s \_\_\_\_\_ shall ensure that safe work practices not limited to the above are followed by all construction workers and supervisors. Spirit and content therein shall be reached to all workers and supervisors for compliance.
- BHEL will be carrying out EHS audits twice a year and M/s \_\_\_\_\_ shall ensure to close any non-conformity observed/reported within fifteen days.

Signed by authorized representative of M/s -----

Name :

Place & Date:

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12.0	<b>Suspension of Business dealings</b>
12.1	BHEL reserves the right to take action against contractors who fail to perform or indulge in malpractices, by suspending business dealings with them.
12.2	Suspension could be in the form of 'Hold', 'De-listing' or 'Banning' a contractor.
12.3	<p>A bidder may be put on HOLD for a period of 6 months, for future tenders for specific works on the basis of one or more of the following reasons:</p> <ul style="list-style-type: none"> <li>a) Bidder does not honour his own offer or any of its conditions within the validity period.</li> <li>b) Bidder fails to respond against three consecutive enquires of BHEL.</li> <li>c) After placement of order, Bidder fails to execute a contract.</li> <li>d) Bidder fails to settle sundry debt account, for which he is legitimately liable, within one year of its occurrence.</li> <li>e) Bidder's performance rating falls below 60% in specific category (more fully described in chapter 'Performance Monitoring')</li> <li>f) Bidder works are under strike/ lockout for a long period.</li> </ul>
12.4	<p>A Bidder may be de-listed from the list of registered Bidders of the region for a period of 1 year on the basis of one or more of the following reasons:-</p> <ul style="list-style-type: none"> <li>a) Bidder tampers with tendering procedure affecting ordering process or commits any misconduct which is contrary to business ethics.</li> <li>b) Bidder has substituted, damaged, failed to return, short returned or unauthorizedly disposed off materials/ documents/ drawings/ tools etc of BHEL.</li> <li>c) Bidder no longer has the technical staff, equipment, financial resources etc. required to execute the orders/ contracts.</li> </ul>
12.5	<p>A Bidder can be banned from doing any business with all Units of BHEL for a period of 3 years on the basis of one or more of the following reasons:</p> <ul style="list-style-type: none"> <li>a) Bidder is found to be responsible for submitting fake/ false/ forged documents, certificates, or information prejudicial to BHEL's interest.</li> <li>b) In spite of warnings, the Bidder persistently violates or circumvents the provisions of labour laws/ regulations/ rules and other statutory</li> </ul>

**SPECIAL CONDITIONS OF CONTRACT (SCC)**  
**Chapter-XII: Suspension of Business Dealings**

	requirements. c) Bidder is found to be involved in cartel formation
	d) The Bidder has indulged in malpractices or misconduct such as bribery, corruption and fraud, pilferage etc which are contrary to business ethics. e) The Bidder is found guilty by any court of law for criminal activity/offences involving moral turpitude in relation to business dealings. f) The Bidder is declared bankrupt, insolvent, has wound up or been dissolved; i.e ceases to exist for all practical purposes. g) Bidder is found to have obtained Official Company information/documentation by questionable means. h) Communication is received from the administrative Ministry of BHEL to ban the Bidder from business dealings.
12.6	Contracts already entered with a contractor before the date of issue of order of 'HOLD' or 'DE-LISTING' shall not be affected.
12.7	All existing contracts with a 'BANNED' contractor shall normally be short closed
12.8	Once the order for suspension is passed, existing offers/new offers of the contractor shall not be entertained
12.9	The above guidelines are not exhaustive but enunciate broad principles governing action against contractors

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## : will be released later

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
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Form No: F-01 (Rev 00)

**OFFER FORWARDING LETTER / TENDER SUBMISSION LETTER**  
(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

-----  
Offer Reference No:..... Date:.....

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub : Submission of Offer against Tender Specification No: .....

I/We hereby offer to carry out the work detailed in the Tender Specification issued by Bharat Heavy Electricals Limited, Power Sector-....., in accordance with the terms and conditions thereof.

I/We have carefully perused the following listed documents connected with the above work and agree to abide by the same.

1. Amendments/Clarifications/Corrigenda/Errata/etc issued in respect of the Tender documents by BHEL
2. Notice Inviting Tender (NIT)
3. Price Bid
4. Technical Conditions of Contract
5. Special Conditions of Contract
6. General Conditions of Contract
7. Forms and Procedures

Should our Offer be accepted by BHEL for Award, I/we further agree to furnish 'Security Deposit' for the work as provided for in the Tender Conditions within the stipulated time as may be indicated by BHEL.

I/We further agree to execute all the works referred to in the said Tender documents upon the terms and conditions contained or referred to therein and as detailed in the appendices annexed thereto.

I/We have deposited/depositing herewith the requisite Earnest Money Deposit (EMD) as per details furnished in the Check List.

**Authorised Representative of Bidder**

Signature :

Name :

Address :

Place:

Date:

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
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Form No: F-02 (Rev 00)

**DECLARATION BY AUTHORISED SIGNATORY OF BIDDER**

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

-----  
To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub : **Declaration by Authorised Signatory**

Ref : 1) NIT/Tender Specification No: .....,  
2) All other pertinent issues till date

I/We, hereby certify that all the information and data furnished by me with regard to the above Tender Specification are true and complete to the best of my knowledge. I have gone through the specifications, conditions, stipulations and all other pertinent issues till date, and agree to comply with the requirements and Intent of the specification.

I further certify that I am authorised to represent on behalf of my Company/Firm for the above mentioned tender and a valid Power of Attorney to this effect is also enclosed.

Yours faithfully,

(Signature, Date & Seal of Authorized  
Signatory of the Bidder)

Date:

Enclosed : Power of Attorney

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
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Form No: F-03 (Rev 00)

### NO DEVIATION CERTIFICATE

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub : **No Deviation Certificate**

Ref : 1) NIT/Tender Specification No: .....,  
2) All other pertinent issues till date

We hereby confirm that we have not changed/ modified/materially altered any of the tender documents as downloaded from the website/ issued by BHEL and in case of such observance at any stage, it shall be treated as null and void.

We also hereby confirm that we have neither set any Terms and Conditions and nor have we taken any deviation from the Tender conditions together with other references applicable for the above referred NIT/Tender Specification.

We further confirm our unqualified acceptance to all Terms and Conditions, unqualified compliance to Tender Conditions, Integrity Pact (if applicable) and acceptance to Reverse Auctioning process.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid references.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized representative of the bidder)

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
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Form No: F-04 (Rev 00)

**DECLARATION CONFIRMING KNOWLEDGE ABOUT SITE CONDITIONS**

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub : **Declaration confirming knowledge about Site conditions**

Ref : 1) NIT/Tender Specification No: .....,

2) All other pertinent issues till date

I/We, \_\_\_\_\_ hereby declare and confirm that we have visited the Project Site as referred in BHEL Tender Specifications and acquired full knowledge and information about the Site conditions including Wage structure, Industrial Climate, the Law & Order and other conditions prevalent at and around the Site. We further confirm that the above information is true and correct and we shall not raise any claim of any nature due to lack of knowledge of Site conditions.

I/We, hereby offer to carry out work as detailed in above mentioned Tender Specification, in accordance with Terms & Conditions thereof.

Yours faithfully,

(Signature, Date & Seal of Authorized  
Representative of the Bidder)

Date :

Place:

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
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Form No: F-05 (Rev 00)

**DECLARATION FOR RELATION IN BHEL**

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder failing which the offer of Bidder is liable to be summarily rejected)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub : **Declaration for relation in BHEL**

Ref : 1) NIT/Tender Specification No: .....

I/We hereby submit the following information pertaining to relation/relatives of Proprieter/Partner(s)/Director(s) employed in BHEL

**Tick(√) any one as applicable:**

1. The Proprieter, Partner(s), Director(s) of our Company/Firm DO NOT have any relation or relatives employed in BHEL

OR

2. The Proprieter, Partner(s), or Director(s) of our Company/Firm HAVE relation/relatives employed in BHEL and their particulars are as below:

(i)

(ii)

Signature of the Authorised Signatory

Note:

1. Attach separate sheet, if necessary.
2. If BHEL Management comes to know at a later date that the information furnished by the Bidder is false, BHEL reserves the right to take suitable against the Bidder/Contractor.

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Power Sector - Eastern Region, Kolkata		
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Form No: F-06 (Rev 00)

### NON DISCLOSURE CERTIFICATE

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

### NON DISCLOSURE CERTIFICATE

I/We understand that BHEL PS \_\_ is committed to Information Security Management System as per their Information Security Policy.

Hence, I/We M/s.....  
 who are submitting offer for providing services to BHEL PS \_\_ against Tender Specification No: \_\_\_\_\_,  
 hereby undertake to comply with the following in line with Information Security Policy of BHEL PS \_\_, \_\_\_\_\_

- To maintain confidentiality of documents & information which shall be used during the execution of the Contract.
- The documents & information shall not be revealed to or shared with third party which shall not be in the business interest of BHEL PS\_\_.

(Signature, date & seal of Authorized Signatory of the bidder)

Date:

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
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Form No: F-07 (Rev 00)

### **BANK ACCOUNT DETAILS FOR E-PAYMENT**

(To be given on Letter head of the Company /Firm of Bidder, and **ENDORSED (SIGNED & STAMPED) BY THE BANK** to enable BHEL release payments through Electronic Fund Transfer (EFT/RTGS))

-----

1. Beneficiary Name :
2. Beneficiary Account No. :
3. Bank Name & Branch :
4. City/Place :
5. 9 digit M ICR Code of Bank Branch :
6. IFSC Code of Bank Branch :
7. Beneficiary E-mail ID :  
(for payment confirmation)

NOTE: In case Bank endorsed certificate regarding above has already been submitted earlier, Kindly submit photocopy of the same

### FORMAT FOR SEEKING CLARIFICATION

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub : **Request for Clarification**

Ref : 1) NIT/Tender Specification No: .....,  
 2) All other pertinent issues till date

Sl no	Reference clause of Tender Document	Existing provision	Bidder's query	BHEL's clarification
1				
2				
3				
4				
5				

Yours faithfully,

(Signature, date & seal of Authorized Representative of the Bidder)

Form No: F-09 (Rev 00)

SL NO.	DESCRIPTION OF WORK (Similar to Tendered Scope)	WORK ORDER REF & DATE	CONTRACT VALUE (Rs. LACS)	CUSTOMER NAME & ADDRESS	CURRENT STATUS OF THE JOB ALONG WITH LATEST MILESTONE COMPLETED	%AGE OF WORK COMPLETED	VALUE OF BALANCE WORK (Rs. Lacs)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

**CAPACITY EVALUATION OF BIDDERS FOR CURRENT TENDER**

NOTES:

1. BIDDERS ARE REQUIRED TO FURNISH ALL THE JOBS OF SIMILAR NATURE WHICH THEY ARE EXECUTING (IN PROGRESS) AT THE TIME OF SUBMISSION OF TENDER, AS PER ABOVE FORMAT.
2. BIDDERS HEREBY UNDERTAKE THAT THEY HAVE FURNISHED THE DETAILS SOUGHT AS PER POINT NO. 1 IN TOTALITY AND THAT THE DETAILS FURNISHED IS COMPLETE IN ALL RESPECT.
3. BHEL WILL TAKE APPROPRIATE ACTION AS DEEMED FIT , IN CASE, IT IS FOUND AT A LATER DATE THAT THE CONTRACTOR HAD SUPPRESSED THE FACTS AND HAVE NOT FURNISHED THE CORRECT & COMPLETE INFORMATIONS.

Signature

DATE :  
PLACE:

Name, Designation & Seal of Bidder

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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**CONTRACT AGREEMENT**

Form No: F-10 (Rev 00)

**BHARAT HEAVY ELECTRICALS LIMITED**

*(A Government of India Undertaking)*

Power Sector – ..... Region

.....

.....

**CONTRACT AGREEMENT**

AGREEMENT NO. \_\_\_\_\_

NAME OF WORK	
NAME OF THE CONTRACTOR WITH FULL ADDRESS	
VALUE OF WORK AWARDED	
LETTER OF INTENT NO.	
TIME ALLOTTED FOR COMPLETING THE WORK (DATE OF COMPLETION)	

\_\_\_\_\_  
SIGNATURE OF CONTRACTOR

\_\_\_\_\_  
(SIGNATURE OF BHEL OFFICER)

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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**CONTRACT AGREEMENT**

Form No: F-10 (Rev 00)

CONTRACT AGREEMENT

THIS AGREEMENT MADE THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ between BHARAT HEAVY ELECTRICALS LIMITED (A Government of India Enterprise) a Company incorporated under the Companies Act, 1956, having its Registered Office at BHEL House, Siri Fort New Delhi-110049 (herein after called BHEL) of the ONE PART.

AND

M/S \_\_\_\_\_  
 \_\_\_\_\_ (hereinafter called the `Contractor') of the SECOND PART.

WHEREAS M/s -----state that they have acquired and possess extensive experience in the field of -----

And Whereas in response to an Invitation to Tender No. ----- issued by BHEL for execution of ----- the contractor submitted their offer No.- ----- dated -----And whereas BHEL has accepted the offer of the Contractor on terms and conditions specified in the Letter of Intent No.----- dated -----read with the references cited therein.

THIS AGREEMENT WITNESSES AND it is hereby agreed by and between the parties as follows:

1. That the contractor shall execute the work of -----and more particularly described in Tender Specification No -----including Drawings and Specifications (hereinafter called the said works) in accordance with and subject to terms and conditions contained in these presents, instructions to Tenderers, General Conditions of Contract, Special Conditions, Annexures, Letter of Intent dated -----and such other instructions, Drawings, Specifications given to him from time to time by BHEL.
2. The Contractor is required to furnish to BHEL Security deposit in the form of cash/ approved securities/ Bank Guarantee valid upto ----- for a sum of Rs.----- towards satisfactory performance and completion of the Contract.
3. The Contractor has furnished a Bank Guarantee bearing no.-----dated -----for a sum of Rs.-----executed by ----- in favour of BHEL towards Security Deposit valid upto -----

OR

The Contractor has furnished to BHEL an initial Security Deposit of Rs.-----in the form of cash / approved Securities/ B.G No.----- dated ----- for Rs.----- executed by ----- in favour of BHEL valid upto ----- and has agreed for recovery of the balance security deposit by BHEL @ 10% of the value of work done from each running bill till the entire Security Deposit is recovered.

OR

The contractor has furnished to BHEL an initial Security Deposit of Rs.-----(Rs.-----vide Bank draft No.-----dated -----and by adjusting EMD of Rs.----- submitted vide Bank draft No.----- dt.-----) and has agreed for recovery of balance Security Deposit by BHEL @ 10% of the value of work done from each running bill till the entire security deposit is recovered.

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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### **CONTRACT AGREEMENT**

Form No: F-10 (Rev 00)

4. The Contractor hereby agrees to extend the validity of the Bank Guarantee for such further period or periods as may be required by BHEL and if the Contractor fails to obtain such extension(s) from the Bank, the Contractor, shall pay forthwith or accept recovery of Rs.----- from the bills in one installment and the contractor further agrees that failure to extend the validity of the Bank Guarantee or failure to pay the aforesaid amount in the manner specified above shall constitute breach of contract. In addition to above, BHEL shall be entitled to take such action as deemed fit and proper for recovering the said sum of Rs.-----

OR

In case the contractor furnishes the bank guarantee at a later date the contractor hereby agrees to extend the validity of bank guarantee for such further period or periods as may be required by BHEL and if the contractor fails to obtain such extension(s) from the bank, the contractor shall pay forthwith or accept recovery of the amount of bank guarantee given in lieu of security deposit from the bills in one installment and the contractor further agrees that failure to extend the validity of bank guarantee or failure to pay the aforesaid amount in the manner specified above shall constitute breach of contract. In addition to above, BHEL shall be entitled to take such action as deemed fit and proper for recovering the said sum.

5. That in consideration of the payments to be made to the Contractor by BHEL in accordance with this Agreement the Contractor hereby covenants and undertakes with BHEL that they shall execute, construct, complete the works in conformity, in all respects, with the terms and conditions specified in this Agreement and the documents governing the same.
6. That the Contractor shall be deemed to have carefully examined this Agreement and the documents governing the same and also to have satisfied himself as to the nature and character of the Works to be executed by him.
7. That the Contractor shall carry out and complete the execution of the said works to the entire satisfaction of the Engineer or such other officer authorised by BHEL, within the agreed time schedule, the time of completion being the essence of the Contract.
8. That BHEL shall, after proper scrutiny of the bills submitted by the Contractor, pay to him during the progress of the said works such sum as determined by BHEL in accordance with this Agreement.
9. That this Agreement shall be deemed to have come into force from ----- the date on which the letter of intent has been issued to the Contractor.
10. That whenever under this contract or otherwise, any sum of money shall be recoverable from or payable by the Contractor, the same may be deducted in the manner as set out in the General Conditions of Contract or other conditions governing this Agreement.
11. That all charges on account of Octroi, Terminal and other taxes including sales tax or other duties on material obtained for execution of the said works shall be borne and paid by the Contractor.
12. That BHEL shall be entitled to deduct from the Contractor's running bills or otherwise Income Tax under Section 194 (C) of the Income Tax Act, 1961.
13. That BHEL shall be further entitled to recover from the running bills of the Contractor or otherwise such sum as may be determined by BHEL from time to time in respect of

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
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**CONTRACT AGREEMENT**

Form No: F-10 (Rev 00)

consumables supplied by BHEL, hire charges for tools and plants issued (Where applicable) and any other dues owed by the Contractor.

14. That it is hereby agreed by and between the parties that 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 and the liability of the Contractor with respect to compensation payable to BHEL or Contractor's obligations shall remain unaffected.
  
15. It is clearly understood by and between the parties that in the event of any conflict between the Letter of Intent and other documents governing this Agreement, the provisions in the Letter of Intent shall prevail.

16. The following documents

1. Invitation to Tender No-----  
and the documents specified therein.
2. Contractor's Offer No-----  
dated-----.
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. Letter of Intent No\_\_\_\_\_ dated\_\_\_\_\_.
7. \_\_\_\_\_

shall also form part of and govern this Agreement.

IN WITNESS HEREOF, the parties hereto have respectively set their signatures in the presence of

WITNESS

1.

2.

(CONTRACTOR)  
(to be signed by a person holding  
a valid Power of Attorney)

WITNESS

1.

2.

(For and on behalf of BHEL)

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
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Form No: F-11 (Rev 00)

## **BANK GUARANTEE FOR SECURITY DEPOSIT**

B.G. NO.

Date

This deed of Guarantee made this ----- day of -----two thousand ---- by <Name and Address of Bank> hereinafter called the "The Guarantor" (which expression shall unless repugnant to the context or meaning thereof be deemed to include its successors and assigns) in favour of M/s Bharat Heavy Electrical Limited ( A Govt. of India Undertaking) a company incorporated under the Companies Act, 1956, having its registered office at BHEL House, Siri Fort, Asiad, New Delhi – 110049 through its unit at Bharat Heavy Electricals Limited, Power Sector Eastern Region, 9/1 DJ Block-Sector-II Salt Lake,Kolkata-700091 hereinafter called "The Company" (which expression shall unless repugnant to the context or meaning thereof be deemed to include its successors and assigns)

WHEREAS < Contractor's Name and Address> (hereinafter referred to as the Contractor) have entered into a contract arising out of Letter of Intent no. < LOI REF & Date > (hereinafter referred to as "the contract") for < Name of Work > with the company.

AND WHEREAS the contract inter-alia provides that the contractor shall furnish to the company a sum of Rs.----- (Rupees-----) towards security deposit for due and faithful performance of the contract in the form and manner specified therein.

AND WHEREAS the contractor has approached the Guarantor and in consideration of the arrangement arrived at between the contractor and the Guarantor, the Guarantor has agreed to give the Guarantee as hereinafter mentioned in favour of the company.

The Guarantor do hereby guarantee to the company the due and faithful performance, observance or discharge of the Contract by the contractor and further unconditionally and irrevocably undertake to pay to the Company without demur and merely on a demand, to the extent of Rs.----- (Rupees-----) against any claim by the company on them for any loss, damage, costs, charges and expenses caused to or suffered by the company by reasons of the contractor making any default in the performance, observance or discharge of the terms, conditions, stipulations or undertakings or any of them as contained in the contract.

The decision of the company whether any default has occurred or has been committed by the contractor in the performance, observance or discharge of any of the terms, conditions, stipulations or undertakings or any one of them as contained in the contract and / or as to the extent of loss, damage, costs, charges and expenses caused to or suffered by the company by reason of the contractor making any default in the performance, observance or discharge of any of the terms, conditions, stipulations or undertakings or any one of them shall be conclusive and binding on the Guarantor irrespective of the fact whether the contractor admits or denies the default or questions the correctness of any demand made by the company in any Court, Tribunal or Arbitration proceedings or before any other Authority.

The company shall have the fullest liberty without affecting in any way the liability of the Guarantor under this Guarantee, from time to time to vary any of the terms and conditions of the contract or extend time of performance by the contractor or to postpone for any time and from time to time any of the powers exercisable by it against the contractor and either enforce or forebear from enforcing any of the terms and conditions governing the contract or securities available to the company and the Guarantor shall not be released from its liability under these presents by any exercise by the company of the liberty with reference to the matters aforesaid or by reasons of time being given to the contractor or any other forbearance, act or commission on the part of the company or any indulgence by the company to the contractor or any other matter or thing whatsoever which under the law relating to sureties would, but for this provision have the effect of so releasing the Guarantor from its liability under this guarantee.

The Guarantor further agrees that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the contract and its claim satisfied or discharged and till the company certifies that the terms and conditions of the contract have been fully and properly carried out by the contractor and accordingly discharges this Guarantee, subject however, that the company shall have no claim under this Guarantee after ----- i.e. (the present date of validity of Bank Guarantee unless the date of validity of this Bank Guarantee is further extended from time to time, as the case may be) unless a notice of the claim under this Guarantee has been served on the Guarantor before the expiry of the said period in which case the same shall be enforceable against the Guarantor notwithstanding the fact that the same is enforced after the expiry of the said period.

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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**BANK GUARANTEE FOR SECURITY DEPOSIT**

The Guarantor undertakes not to revoke this Guarantee during the period it is in force except with the previous consent of the Company in writing and agrees that any liquidation or winding up or insolvency or dissolution or any change in the constitution of the contractor or the Guarantor shall not discharge the Guarantor's liability hereunder.

It shall not be necessary for the company to proceed against the contractor before proceeding against the Guarantor and the Guarantee herein contained shall be enforceable against them notwithstanding any security which the Company may have obtained or obtain from the Contractor shall at the time when proceedings are taken against the Guarantor hereunder be outstanding or unrealized.

Notwithstanding anything contained herein before, our liability under the Guarantee is restricted to Rs.----- (Rupees-----). Our guarantee shall remain in force until -----, i.e. (the present date of validity of Bank Guarantee unless the date of validity of this Bank Guarantee is further extended from time to time) unless a claim or demand under this guarantee is made against us on or before ----- we shall be discharged from our liabilities under this Guarantee thereafter.

Any claim or dispute arising under the terms of this documents shall only be enforced or settled in the courts of at Kolkata only.

The Guarantor hereby declares that it has power to execute this guarantee and the executant has full powers to do so on behalf of the Guarantor.

IN WITNESS whereof the ----- (Bank) has hereunto set and subscribed its hand the day, month and year first, above written.

(Name of the Bank)

Signed for and on behalf of the Bank  
(Designation of the Authorized Person Signing the Guarantee)  
(Signatory No.-----)

DATED:

SEAL

---

Notes :

1. The BG shall be executed on non-judicial stamp papers of adequate value procured in the name of the Bank in the State where the Bank is located.
2. The BG is required to be sent by the executing Bank directly to BHEL at the address where tender is submitted / accepted under sealed cover.

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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Form No: F-12 (Rev 00)

**BANK GUARANTEE FOR INTEREST BEARING REFUNDABLE ADVANCE**

B.G. No.

Date

This deed of Guarantee made this \_\_\_\_\_ day of \_\_\_\_\_ two thousand \_\_\_\_\_ by < **Name and Address of Bank**> hereinafter called the "The Guarantor" (which expression shall unless repugnant to the context or meaning thereof be deemed to include its successors and assigns) in favour of M/S Bharat Heavy Electricals Limited a Company incorporated under the Companies Act, 1956, having its registered office at BHEL House, Siri Fort, New Delhi - 110049 through its unit at < **address of Power Sector Region<sup>1</sup>**>, hereinafter called "The Company" (which expression shall unless repugnant to the context or meaning thereof be deemed to include its successors and assigns).

WHEREAS M/s. \_\_\_\_\_ (hereinafter referred to as the Contractor) have entered into a Contract arising out of Letter of Intent no. \_\_\_\_\_ dtd \_\_\_\_\_ (hereinafter referred to as "the Contract") for the < **Name of work**> with the Company.

AND WHEREAS the Contract inter-alia provides that the Company will pay to the Contractor interest bearing advance of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) on certain terms and conditions specified in the Contract subject to the Contractor furnishing a Bank Guarantee for Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) in favour of the Company.

AND WHEREAS the Company has agreed to accept a Bank Guarantee from a Bank to cover the said advance.

AND WHEREAS the Contractor has approached the Guarantor and in consideration of the arrangement arrived at between the Contractor and the Guarantor, the Guarantor has agreed to give the Guarantee as hereinafter mentioned in favour of the Company.

**NOW THIS DEED WITNESSES AS FOLLOWS:-**

(1) In consideration of the Company having agreed to advance a sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) to the Contractor, the Guarantor do hereby guarantee the due recovery by the Company of the said advance with interest thereon as provided according to the terms and conditions of the Contract. If the said Contractor fails to utilise the said advance for the purpose of the Contract and /or the said advance together with interest as aforesaid is not fully recovered by the Company the Guarantor do hereby unconditionally and irrevocably undertake to pay to the Company without demur and merely on a demand, to the extent of the said sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) any claim made by the Company on them for the loss or damage caused to or suffered by the Company by reasons of the Company not being able to recover in full the advance with interest as aforesaid.

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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Form No: F-12 (Rev 00)

**BANK GUARANTEE FOR INTEREST BEARING REFUNDABLE ADVANCE**

- (2) The decision of the Company whether the Contractor has failed to utilise the said advance or any part thereof for the purpose of the Contract and / or as to the extent of loss or damage caused to or suffered by the Company by reason of the Company not being able to recover in full the said sum of Rs.\_\_\_\_\_ with interest if any shall be final and binding on the Guarantor, irrespective of the fact whether the Contractor admits or denies the default or questions the correctness of any demand made by the Company in any Court Tribunal or Arbitration proceedings or before any other Authority.
- (3) The Company shall have the fullest liberty without affecting in any way the liability of the Guarantor under this Guarantee, from time to time to vary any of the terms and conditions of the Contract or extend time of performance by the Contractor or to postpone for any time and from time to time any of the powers exercisable by it against the Contractor and either enforce or forebear from enforcing any of the terms and conditions governing the Contract or securities available to the Company and the Guarantor shall not be released from its liability under these presents by any exercise by the Company of the liberty with reference to the matters aforesaid or by reasons of time being given to the Contractor or any other forbearance, act or commission on the part of the Company or any indulgence by the Company to the Contractor or of any other matter or thing whatsoever which under the law relating to sureties would, but for this provision have the effect of so releasing the Guarantor from its liability under this guarantee.
- (4) The Guarantor further agrees that the Guarantee herein contained shall remain in full force and effect during the period till the Company discharges this Guarantee, subject to however, that the Company shall have no claim under this Guarantee after\_\_\_\_\_ i.e. (the present date of validity of Bank Guarantee unless the date of validity of this Bank Guarantee is further extended from time to time, as the case may be) unless a notice of the claim under this Guarantee has been served on the Guarantor before the expiry of the said period in which case the same shall be enforceable against the Guarantor notwithstanding the fact that the same is enforced after the expiry of the said period.
- (5) The Guarantor undertakes not to revoke this Guarantee during the period it is in force except with the previous consent of the Company in writing and agrees that any liquidation or winding up or insolvency or dissolution or any change in the constitution of the Contractor or the Guarantor shall not discharge the Guarantor's liability hereunder.
- (6) It shall not be necessary for the Company to proceed against the Contractor before proceeding against the Guarantor and the Guarantee herein contained shall be enforceable against them notwithstanding any security which the Company may have obtained or obtain from the Contractor shall at the time when proceedings are taken against the Guarantor hereunder be outstanding or unrealised.
- (7) Notwithstanding anything contained herein before, our liability under the Guarantee is restricted to Rs.\_\_\_\_\_(Rupees\_\_\_\_\_). Our guarantee shall remain in force until \_\_\_\_\_, i.e. the present date of validity of Bank Guarantee unless the date of validity of this Bank Guarantee is further extended from time to time. Unless a claim or demand under this guarantee is made against us on or before-----, we shall be discharged from our liabilities under this Guarantee thereafter.

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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**BANK GUARANTEE FOR INTEREST BEARING REFUNDABLE ADVANCE**

- (8) Any claim or dispute arising under the terms of this document shall only be enforced or settled in the courts at < **Name of Place**<sup>2</sup> > only.
- (9) The Guarantor hereby declares that it has power to execute this Guarantee under its Memorandum and Articles of Association and the executant has full powers to do so on its behalf under the Power of Attorney dated \_\_\_\_\_ (To be incorporated by the Bank) granted to him by the proper authorities of the Guarantor.

IN WITNESS whereof the \_\_\_\_\_(Bank) has hereunto set and subscribed its hand the day, month and year first, above written.

(Name of the Bank)

Signed for and on behalf of the Bank  
(Designation of the Authorized Person Signing the Guarantee)

(Signatory No.-----)

DATED:

SEAL

Notes :

- 1. Address of Power Sector Regions (inviting the Tender)** is as below:
  - PSNR : Bharat Heavy Electricals Limited, Power Sector Northern Region, HRDI & PSNR Complex, Plot No 25, Sector 16-A, Noida-201301 (Uttar Pradesh)
  - PSER : Bharat Heavy Electricals Limited, Power Sector Eastern Region, BHEL Bhawan, Plot No 9/1, DJ Block, Sector-II, Salt lake City, Kolkata – 700 091
  - PSWR: Bharat Heavy Electricals Limited, Power Sector Western Region, Shree Mohini Complex, 345 Kingsway, Nagpur 440 001
  - PSSR: Bharat Heavy Electricals Limited, Power Sector Southern Region, 690, Anna Salai, Nandanam, Chennai 600 035
- 2. Name of place (for jurisdiction of Courts)** is as below:
  - PSNR : Delhi
  - PSER : Kolkata
  - PSWR: Nagpur
  - PSSR : Chennai
- 3.** The BG shall be executed on non-judicial stamp papers of adequate value procured in the name of the Bank in the State where the Bank is located.
- 4.** The BG is required to be sent by the executing Bank directly to BHEL at the address where tender is submitted / accepted, under sealed cover.

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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**FORM for EXTENSION OF VALIDITY OF BANK GUARANTEE**

1. To be typed on non judicial Stamp Papers of value as applicable in the State of India from where the BG has been issued or the State of India where the BG shall be operated
2. The non judicial stamp papers shall be purchased in the name of the Party on whose behalf the BG is being issued or the BG issuing Bank

-----  
BANK GUARANTEE No:

Date:.....

To

(Write Designation and Address of Officer of BHEL inviting the Tender)

Dear Sir

Sub : Validity of Bank Guarantee No:..... Dated ..... for  
 ..... Rs ..... in favour of yourself, expiry date  
 ....., on account of M/s ..... in respect of  
 Contract Number....., (herein after called the Original bank Guarantee)

At the request of M/s....., we ..... Bank,  
 having its branch Office at ..... and having Head office  
 at ....., do hereby extend our liability under the above mentioned Bank Guarantee  
 number..... dated ..... for a further period of .....Months/years  
 from ..... to expire on .....

Except as provided above, all other terms and conditions of the Original Bank Guarantee No  
 ..... Dated..... shall remain unaltered and binding on us.

Kindly treat this extension as an integral part of the original Bank Guarantee to which it  
 would be attached.

Yours faithfully

Signature.....  
 Name & Designation.....  
 Power of Attorney/Signing Power No  
 Seal of Bank

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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BHEL-PSER	MONTHLY PLAN & REVIEW WITH CONTRACTOR	PAGE 1 of 4
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Name of Site		Contract No.	
		Name of Contractor	
Review for the month of		Brief Scope of work	
Date of Review			

**PART- A PHYSICAL REVIEW**

Sl.No	Description of work	Unit of Measurement	Original Plan (QTY Planned for the month as per joint review of previous month)	Last months shortfall (attributable to Contractor)	Total Planned for the month (including previous month backlog attributable to Contractor)	Achieved	Shortfall attributable to (in Qty)		REMARKS
			(a)	(b)	C=(a)+(b)		BHEL	Contractor	
		UOM	Phy.	Phy	Phy	Phy.	Phy.	Phy.	

Use separate sheets if necessary

**BHEL**  
(Sign with Name, Designation & date)

**CONTRACTOR**  
(Sign with Name, Designation & date)

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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BHEL-PSER	MONTHLY PLAN & REVIEW WITH CONTRACTOR	PAGE 2 of 4
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CONTRACT NO:
CONTRACTOR:
PART – B-1 REVIEW OF DEPLOYMENT OF MAJOR T&Ps

**SUPPLIER SCOPE:-**

SN.	MAJOR T&P TO BE DEPLOYED AS PER WORK PLANNED FOR THE MONTH	QTY.	DEPLOYMENT STATUS (ACTUAL DEPLOYED)	REMARKS (WORKS EFFECTED DUE TO NON-DEPLOYMENT OF T&Ps)

**BHEL SCOPE:-**

**BHEL**  
(Sign with Name, Designation & date)

**CONTRACTOR**  
(Sign with Name, Designation & date)

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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BHEL-PSER	MONTHLY PLAN & REVIEW WITH CONTRACTOR	PAGE 3 of 4
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CONTRACT NO:
CONTRACTOR:
PART – B-2 REVIEW OF DEPLOYMENT OF MANPOWER

**SUPPLIER SCOPE:-**

SNO.	AREA OF WORK	CATEGORY OF LABOUR	NO. OF LABOUR REQUIRED AS PER CATEGORY	DEPLOYED FOR THE PERIOD	REMARKS (WORKS AFFECTED DUE TO NON-AVAILABILITY OF LABOUR)

**BHEL**

(Sign with Name, Designation & date)

**CONTRACTOR**

(Sign with Name, Designation & date)

<b>Bharat Heavy Electricals Limited</b> Power Sector - Eastern Region, Kolkata		
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BHEL-PSER	MONTHLY PLAN & REVIEW WITH CONTRACTOR	PAGE 4 of 4
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**CONTRACT No.:**

**Date of Report:**

**PART C1 : PLAN FOR THE NEXT MONTH (PHYSICAL)**

SL NO.	DESCRIPTION OF WORK (Area Wise)	PLANNED MT/ % / QTY (EXCLUDING SHORTFALLS ATTRIBUTABLE TO CONTRACTOR TILL DATE)	T&Ps REQUIRED	MANPOWER REQUIRED	REMARKS

NOTE: USE SEPARATE SHEETS, IF REQUIRED

**PART C2: PLAN FOR THE NEXT MONTH (OTHERS)**

SL NO.	DESCRIPTION OF WORK (Area Wise)	PLANNED MT/ % / QTY	T&Ps REQUIRED	MANPOWER REQUIRED	REMARKS

NOTE: USE SEPARATE SHEETS, IF REQUIRED

**BHEL**

(Sign with Name, Designation & date)

**CONTRACTOR**

(Sign with Name, Designation & date)



## QUARTERLY EVALUATION OF OF CONTRACTOR PERFORMANCE

**NOTE:** This evaluation should be done **EVERY QUARTER \*** by the respective Regions for all Contracts under executions

\* : March, June, September & December of every year

<p>A GENERAL</p> <p>1 Reporting Period</p> <p>2 Name of Site</p> <p>3 Name of Contractor</p> <p>4 Contract Number/LOI Number &amp; Date</p> <p>5 Name of Work</p> <p>6 Contract Start Date</p> <p style="padding-left: 40px;">I. As per Contract</p> <p style="padding-left: 40px;">II. Actual Date of Start</p> <p>7 Completion Status (as on date)</p> <p style="padding-left: 40px;">I. Physical completion in %age</p> <p style="padding-left: 40px;">II. Running Bill amount paid in %age of Contract Value</p> <p>8 Scheduled Completion Time</p> <p>9 Actual Date of Completion</p> <p>10 Awarded Contract Value</p> <p>11 Final contract Value</p>	<p>Quarter ending : Year :</p>
<p>BHEL</p> <p>(Signature with Name, Designation &amp; date)</p>	<p>Contractor</p> <p>(Signature with Name, Designation &amp; date)</p>



## QUARTERLY EVALUATION OF CONTRACTOR PERFORMANCE

		MAX SCORE	SCORE OBTAINED
<b>1.0 QUALITY</b>			
1.1	Amenability to Quality System	5	
1.2	Adherence to Quality Standards	5	
1.3	Preventing recurrence of Defects/Complaints	5	
1.4	Finishing and aesthetics	5	
1.5	Housekeeping	5	
1.6	Rating of Quality Officer for Quality Control of Job	5	
<b>2.0 DELIVERY</b>			
2.1	Achievements vis a vis Requirements/Commitments	5	
2.2	Timely Depoyment of Manpower	5	
2.3	Timely Depoyment of T&Ps and MMEs	5	
2.4	Timely arrangement of Consumables	5	
<b>3.0 MANPOWER</b>			
3.1	Experience and Job knowledge of Supervisory personnel	5	
3.2	Aptitude of supervisory Personnel (w.r.t. Attitude, Initiative, Leadership, Cooperativeness, etc.)	5	
3.3	Adequacy of Manpower (Work Force) deployed	5	
3.4	Competence of Manpower (Work Force) deployed	5	
<b>4.0 T&amp;P, IMTEs &amp; CONSUMABLES</b>			
4.1	Adequacy of T&P & MMEs as per Site requirement	5	
4.2	Condition of T&P & MMEs	5	
4.3	Ensuring Fitness & Calibration of T&P & MMEs	5	
4.4	Adequacy of Consumables as per Site requirement	5	
<b>5.0 SITE INFRASTRUCTURE AND SERVICE</b>			
5.1	Site Organization vis a vis Commitment	5	
5.2	Readiness to rectify Defects	5	
5.3	Providing support Documents and Records	5	
5.4	Speed of responce	5	
5.5	Cooperativeness in Delivering and Implementing Improvement Measures	5	
5.6	Approachability of Top Management during critical requirements and its cooperation	5	
BHEL		Contractor	
(Signature with Name, Designation & date)		(Signature with Name, Designation & date)	

**QUARTERLY EVALUATION OF CONTRACTOR PERFORMANCE**

<b>6.0 SITE FINANCE</b>			
6.1	Regularity in Payment to Staff and Workers	5	
6.2	Financing Site Operation	5	
<b>7.0 HSE (Health Safety &amp; Environment) &amp; SA (Social Accountability)</b>			
7.1	Health & Safety Awareness among Employess	5	
7.2	Rating of Safety Supervisor on HSE Aspects		
7.2.1	Experience and Job knowledge of Safety Supervisor	5	
7.2.2	Rating of safety Supervisor for controlling Safety at Site	5	
7.3	Quality & Usage of Safety gadgets		
7.3.1	Personal Protective Equipments (PPE)	5	
7.3.2	Use of Safety Equipments & Safety in Equipments (Safety Net, Toeguard, Proper earthing, Fire-fighting Equipments etc.)	5	
7.4	Use of Safety Posters	5	
7.5	Compliance to Social Accountability Norms	5	
7.6	Rating based on feed back of HSE & SA Audits	5	
<b>8.0 OTHERS</b>			
8.1	Concern for Employees Welfare and Health (like First Aid)	5	
8.2	Compliance to Statutory Requirements, State and Local Laws/Regulations	5	
8.3	Tendency of taking undue advantage by interpreting Contract Clauses in their favour (Score 5 for no tendency)	5	
8.4	Understanding of Contract (Scope & Contract Clauses)	5	
8.5	Planning of Work Activities(Monthly/Weekly/Daily)	5	
8.6	Submission of Monthly/Weekly/daily Report	5	
BHEL			Contractor
(Signature with Name, Designation & date)			(Signature with Name, Designation & date)



## QUARTERLY EVALUATION OF CONTRACTOR PERFORMANCE

SI No	Category	Max Score	Score obtained	Weightage factor	Weighted Score																
1	Quality	30		0.4																	
2	Delivery	20		0.75																	
3	Manpower	20		0.6																	
4	T&Ps, MMEs & Consumables	20		0.75																	
5	Site Infrastructure & Service	30		0.4																	
6	Site Finance	10		1.1																	
7	HSE & SA	40		0.35																	
8	Others	30		0.3																	
9	<b>Total Weighted Score</b>																				
10	Any detail which Construction Manager wants to share with Management																				
11	<b>Less</b> Score for Accidents attributable to Contractor during the Reporting Period (Major at@3 Minor@1)																				
a	Major Accidents-----Fatal,Permanent Disability, Major Damage to Equipment.				(-)																
b	Minor Accidents ----- All others				(-)																
12	<b>Net Weighted Score (OUT OF 100):</b>																				
<b>Overall Performance Evaluation :</b>			<b>Good / Satisfactory / Unsatisfactory</b>																		
<table style="width:100%; border:none;"> <tr> <td style="width:50%;"><b>Net Weighted Score</b></td> <td style="width:50%;"></td> </tr> <tr> <td>80% and Above</td> <td style="text-align:right;">- Good</td> </tr> <tr> <td>Between 60% To 80%</td> <td style="text-align:right;">-Satisfactory</td> </tr> <tr> <td>60% and Below</td> <td style="text-align:right;">-Unsatisfactory</td> </tr> <tr> <td colspan="2" style="padding-top: 20px;">Dated:</td> </tr> <tr> <td style="text-align:right; padding-right: 50px;"><b>Section Head/ Site Engineer</b></td> <td></td> </tr> <tr> <td colspan="2" style="padding-top: 20px;"><b>Specific Recommendation of Construction Manager:</b></td> </tr> <tr> <td colspan="2" style="text-align:right; padding-right: 50px;"><b>Construction Manager</b></td> </tr> </table>						<b>Net Weighted Score</b>		80% and Above	- Good	Between 60% To 80%	-Satisfactory	60% and Below	-Unsatisfactory	Dated:		<b>Section Head/ Site Engineer</b>		<b>Specific Recommendation of Construction Manager:</b>		<b>Construction Manager</b>	
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<b>FOR SUB CONTRACT DEPTT.</b>																					
Dated																					
<b>Head (S/C)</b>																					
<b>GM/PROJECTS</b>																					

Note: This summary evaluation sheet is to be sent to Contractor after every Evaluation

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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BHEL PS-ER	<b>ANNUAL EVALUATION OF CONTRACTOR PERFORMANCE</b> (EVALUATED FINANCIAL YEAR WISE AT HQ)	Page 1 of 1
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1. **Contract No.:**
2. **Contractor:**
3. **Name of Site :**
4. **Reporting Period (Financial Year):**

Sl No	QUARTER	Net Weighted score
1	Quarter-I	
2	Quarter-II	
3	Quarter-III	
4	Quarter-IV	
5	Total for the 4 Quarters	
6	Average for the Year (Financial Year)	
7	<b>Annual Evaluation of Contractor Performance</b> (based on net weighted score)	<ul style="list-style-type: none"> <li>➤ <b>80% and above : Good</b></li> <li>➤ <b>Between 60% to 80% : Satisfactory</b></li> <li>➤ <b>60% and below : Unsatisfactory</b></li> </ul>

**Comments if any:**

**Head/Subcontracts**

**Date:**

**General Manager Project**

BHEL PS-ER	<b>ANNUAL EVALUATION OF CONTRACTOR PERFORMANCE</b> (EVALUATED FINANCIAL YEAR WISE AT HQ)	Page 1 of 1
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1. Contract No.:
2. Contractor:
3. Name of Site :
4. Reporting period (From : \_\_\_\_\_ To : \_\_\_\_\_ )

SI No	FINANCIAL YEAR	QUARTER	Net Weighted score
1		Quarter-I	
		Quarter-II	
		Quarter-III	
		Quarter-IV	
2		Quarter-I	
		Quarter-II	
		Quarter-III	
		Quarter-IV	
3		Quarter-I	
		Quarter-II	
		Quarter-III	
		Quarter-IV	
4		Quarter-I	
		Quarter-II	
		Quarter-III	
		Quarter-IV	
5		Total for all the quarters	
6		Average for the all the Quarters (Contract Period)	
7		<b>Overall Performance for the Contract</b> (based on net weighted score)	➤ <b>80% and above : Good</b> ➤ <b>Between 60% to 80%: Satisfactory</b>

**Comments if any:**

**Head/Subcontracts**

**Date:**

**General Manager/Projects**

**MILESTONE COMPLETION CERTIFICATE**  
**(issued by BHEL on the specific request of Contractor)**

-----  
 Ref :

Date:

To,

(Name & address of Contractor)

Dear Sir,

References

1. Contract No:
2. Job Description:

This is to hereby confirm that the following Milestone Activity has been achieved in respect of the Contract /Job under reference

SI No	Milestone Activity	Remarks

This certificate is issued as per your request vide letter no .....  
 without any prejudice to the rights of BHEL in line with the terms and conditions of the  
 above referred Contract

Yours faithfully,

For and on behalf of Bharat Heavy Electricals Limited

Construction Manager/Head (Subcontracts)

**CONTRACT COMPLETION CERTIFICATE**  
**(Issued by BHEL/HQ on the specific request of Contractor)**

Ref :  
Date:

**To Whom so ever it may concern**

1	DESCRIPTION OF WORK	
2	NAME AND ADDRESS OF THE CONTRACTOR	
3	CONTRACT NO	
4	CONTRACT VALUE	
5	LETTER OF INTENT NO & DATE	
6	CONTRACT PERIOD//CONTRACT DURATION	
7	FINAL EXECUTED VALUE	
8	PERFORMANCE	GOOD SATISFACTORY UNSATISFACTORY

This certificate is issued as per your request vide letter no .....  
without any prejudice to the rights of BHEL to use this certificate for evaluation of your offers for future tenders

Yours faithfully,

For and on behalf of Bharat Heavy Electricals Limited

Head (Subcontracts)

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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### **INDEMNITY BOND**

**(To be executed on a Non Judicial Stamp Paper of the requisite value as per Stamp Duty prevalent in the respective State)**

**This Indemnity Bond executed by <name of company> having their Registered Office at <xxxxxxxxxxx> in favour of M/s Bharat Heavy Electricals Limited, a Company incorporated under the Companies Act, 1956, having its Registered Office at BHEL House, Siri Fort, Asiad, New Delhi - 110049 through its Unit at Power Sector- \_\_\_\_\_ Region, \_\_\_\_\_, \_\_\_\_\_ State. (Hereinafter referred to as the Company)**

And whereas the Company has entered into a Contract with M/s xxxxxxxxx, the executants of this Deed (hereinafter referred to as the Contractor) as its contractor in respect of the work of "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx".

AND WHEREAS under the provisions of GCC further stipulates that the Contractor shall indemnify the Company against all claims of whatever nature arising during the course of execution of Contract including defects liability period of <xx Months > i.e till <xx xx xxxx>

Now this deed witness that in case the Company is made liable by any Authority including Court to pay any claim or compensation etc. in respect of all labourers or other matters at any stage under or relating to the Contract with the Contractor, the Contractor hereby covenants and agrees with the Company that they shall indemnify and reimburse the Company to the extent of such payments and for any fee, including litigation charges, lawyers' fees, etc, penalty or damages claimed against the Company by reason of the Contractor falling to comply with Central/States Laws, Rules etc, or his failure to comply with Contract (including all expenses and charges incurred by the Company).

The Contractor further indemnifies the Company for the amount which the Company may be liable to pay by way of penalty for not making deductions from the Bills of the Contractor towards such amount and depositing the same in the Government Treasury.

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
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Form No: F-21 (Rev 00)

### **INDEMNITY BOND**

**(To be executed on a Non Judicial Stamp Paper of the requisite value as per Stamp Duty prevalent in the respective State)**

---

The Contractor further agree that the Company shall be entitled to with hold and adjust the Security Deposit and/or with hold and adjust payment of Bills of Contractor pertaining to this Contract against any payment which the Company has made or is required to make for which the Contractor is liable under the Contract and that such amount can be withheld, adjusted by the Company till satisfactory and final settlement of all pending matters and the Contractor hereby gives his consent for the same.

The Contractor further agrees that the terms of indemnity shall survive the termination or completion of this contract.

The contractor further agrees that the liability of the contractor shall be extended on actual basis notwithstanding the limitations of liability clause, in respect of :

1. breach of terms of contract by the contractor
2. breach of laws by the contractor
3. breach of Intellectual property rights by the contractor
4. breach of confidentiality by the contractor

Nothing contained in this deed, shall be construed as absolving or limiting the liability of the Contractor under said Contract between the Company and the Contractor. That this Indemnity Bond is irrevocable and the condition of the bond is that the Contractor shall duly and punctually comply with the terms and the conditions of this deed and contractual provisions to the satisfaction of the Company.

In witness where of M/s xxxxxxxxxxxx these presents on the day, month and year first, above written at xxxxxxxx by the hand of its signatory Mr. xxxxxxxxxxxx.

Signed for and on behalf of  
M/s xxxxxxxxxxxxxxxx

Witness:

- 1
- 2

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
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Form No: F-22 (Rev 00)

**TIE-UP/CONSORTIUM AGREEMENT**

(To be executed on Rs. 50/- Non – Judicial Stamp Paper)

THIS AGREEMENT is made and executed on this \_\_\_\_\_ day of \_\_\_\_\_, by and between (1) M/s \_\_\_\_\_, ( The First Party, i.e, the Bidder) a company incorporated under the Company's Act 1956, having its registered office at \_\_\_\_\_(herein after called the "Bidder", which expression shall include its' successors, administrators, executors and permitted assigns) and (2) M/s \_\_\_\_\_, (The Second Party, i.e, the associates), a company incorporated under the Company's Act 1956, having its registered office at \_\_\_\_\_ (herein after called the " Associates", which expression shall include its' successors, administrators, executors and permitted assigns).

WHEAEAS the Owner, Bharat Heavy Electricals Ltd, a Government of India Undertaking, proposes to issue / issued an NIT (herein after referred to as the said NIT) inviting bids from the individual Bidders for undertaking the work \_\_\_\_\_ of \_\_\_\_\_, at \_\_\_\_\_ (herein after referred to as the said works).

WHEREAS the said NIT enables submission of a bid by a Consortium subject to fulfillment of the stipulations specified in the said NIT.

AND WHEREAS M/s \_\_\_\_\_ ( The First Party, i.e, the Bidder) will submit its proposal in response to the aforesaid invitation to \_\_\_\_\_ bid \_\_\_\_\_ by \_\_\_\_\_ the \_\_\_\_\_ Owner \_\_\_\_\_ for \_\_\_\_\_ as detailed in the Bid doc. no. < TENDER REF----->

AND WHEREAS M/s \_\_\_\_\_ (The First Party, i.e the Bidder) itself is meeting all the qualifying requirements except the qualifying requirements of \_\_\_\_\_ (as detailed in the NIT) and in order to fully meet the qualifying requirements of NIT, this tie-up agreement is being entered into with M/s \_\_\_\_\_ (The Second Party, the Associates) , who fully meet the balance part of the said works (\_\_\_\_\_).

WHEREAS the First Party and the Second Party are contractors engaged in the business of carrying out various items of works. WHEREAS the two parties have agreed to constitute themselves into a consortium for the purpose of carrying out the said works, and that the consortium will be continued till the completion of the works in all respects.

WHEREAS the parties have agreed to certain terms and conditions in this regard:

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
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**TIE-UP/CONSORTIUM AGREEMENT**

NOW THEREFORE THIS AGREEMENT WITNESSETH AS FOLLOWS :

1. First and Second parties hereby constitute themselves into a Consortium for the purpose of bidding and undertaking the said works pursuant to the said NIT as hereinafter stated.
2. The First Party will be the leader (Lead Partner) and will be responsible for the entire works.

**TIE-UP AGREEMENT**

3. The First Party shall undertake the following part(s) of work detailed in the \_\_\_\_\_ NIT \_\_\_\_\_ namely  
\_\_\_\_\_
4. The Second Party shall undertake the following part(s) of work detailed in the said NIT \_\_\_\_\_ namely  
\_\_\_\_\_
5. The parties hereby declare and confirm that each of them will fulfill the required minimum qualifying requirements as prescribed in the said NIT for the works agreed to be undertaken by them as stated here-in-above.
6. It is also agreed between the parties hereto that all of them shall be individually and severally responsible for the completion of the said works as per the schedule. Further, if the Employer/Owner sustains any loss or damage on account of any breach of the Contracts, we the, Consortium partners individually and severally undertake to promptly indemnify and pay such losses / damages caused to the Employer/Owner on its written demand without any demur, reservation, contest or protest in any manner whatsoever.
7. The parties hereby agree and undertake that they shall provide adequate finances, suitable Tools, Plants, Tractors, Trailers, other transportation equipment, other Tools & Plants, Measuring & Monitoring Equipments (MMEs), Men and Machinery etc. for the proper and effective execution of the works to be undertaken by them as specified here-in-above.
8. It is agreed interse between the parties hereto that all the consequences liabilities etc., arising out of any default in the due execution of the said works shall be borne by the party in default, that is by party in whose area of works default has occurred, provided however, so far as M/s Bharat Heavy Electricals Limited is concerned, all the parties shall be liable jointly and severally.

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b><u>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</u></b>		
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**TIE-UP/CONSORTIUM AGREEMENT**

IN WITNESS HEREOF the parties above named have signed this agreement on the day month and year first above written at \_\_\_\_\_(Place) .

WITNESS

For

1. NAME
2. OFFICIAL ADDRESS

(FIRST PARTY)

WITNESS

For

1. NAME
2. OFFICIAL ADDRESS

(SECOND PARTY)

[The successful bidder shall have to execute the " JOINT DEED OF UNDERTAKING " in the format to be made available by BHEL at the time of awarding].

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Power Sector - Eastern Region, Kolkata		
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Form No: F-23 (Rev 00)

## REFUND OF SECURITY DEPOSIT

-----  
To,

The Construction Manager  
BHEL Site Office  
-----  
-----

Dear Sir,

Sub : **Refund of Security Deposit**

Ref : Contract No: .....

Work:.....

I/We have submitted Final Bill in respect of the above Contract/Work vide our letter no:..... dated ..... . In line with Tender conditions (GCC clause no 1.11), kindly arrange to release/refund the Security Deposit along with Final Bill payments.

The details of Security Deposit are as below:

1. Cash Portion :
2. BG Portion :

Thanking You

Date: \_\_\_\_\_

Authorised representative of Contractor  
=====

### To be filled up by BHEL

1. Security Deposit to be refunded:
  - a. Cash Portion:
  - b. BG Portion :
2. Less
  - a. Amount spent by BHEL on behalf of Contractor:
  - b. Payments made by BHEL on behalf of Contractor:
  - c. Other recoveries for Services etc
  - d. Any other recoveries
  - e. Total of 'a' to 'd':
3. Net Amount to be released (1-2) :
4. Certified that
  - a. The payment recommended for release is in order and there are no demands other than those included in the claim outstanding from the Contractor
  - b. Contract Guarantee period of ..... Months commenced wef : \_\_\_\_\_
  - c. All objections raised so far have been settled
  - d. A note for refund of Security Deposit has been made in the Measurement Book

Signature of BHEL Engineer

Construction Manager

Date:-----

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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Form No: F-24 (Rev 00)

## REFUND OF GUARANTEE MONEY

**BHARAT HEAVY ELECTRICALS LIMITED**  
**POWER SECTOR, \_\_\_\_\_ REGION**

Ref No: \_\_\_\_\_

Date: \_\_\_\_\_

1. Name and Address of Contractor :
2. Contract Agreement/LOI No :
3. Date of Contract Agreement/LOI :
4. Name of the Work undertaken :
5. Date of commencement of the Work :
6. Date of Completion of the Work :
7. Period of Maintenance :  
(Guarantee Period)
8. Date on which the Final Bill was paid :
9. Last date of making good the defect :  
during Maintenance Period
10. Expenditure incurred by BHEL during :  
Maintenance Period, if any, recoverable
11. Date on which Guarantee Money refund:  
falls due as per Contract
12. Amount of Guarantee Money to be refunded:
13. Less Amounts recoverable (with details)
  - a. Amount spent by BHEL on maintenance :
  - b. Payments made by BHEL on behalf of Contractor:
  - c. Court dues/penalties/compensation :
  - d. Other recoveries for Services, etc :
  - e. Total of 'a' to 'd' :
14. Net Amount recommended for release (12-13) :

Signature of BHEL Engineer

Date: \_\_\_\_\_

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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Form No: F-24 (Rev 00)

**REFUND OF GUARANTEE MONEY**

**BHARAT HEAVY ELECTRICALS LIMITED  
POWER SECTOR, \_\_\_\_\_ REGION  
CERTIFICATE TO BE FURNISHED BY THE CONTRACTOR**

I/We have no claim or demand outstanding against BHEL \_\_\_\_\_, for the work done or for labour or material supplied or any other account arising out of or connected with the Contract Agreement/LOI (No \_\_\_\_\_ dated \_\_\_\_\_) and the payment of this bill shall be in full and final settlement of all my/our claims and demands including the 'Deposits' of the Contract Agreement/LOI referred to.

Signature of Contractor

Date:

-----

**CERTIFICATE TO BE FURNISHED BY SENIOR ENGINEER/CONSTRUCTION MANAGER**

1. Certified that
  - a. The payment recommended for release is in order and there are no demands other than those included in the claim outstanding from the Contractor
  - b. Maintenance period (Contract Guarantee period) is over and the Contractor has carried out the works required to be carried out by him during the period of maintenance (Guarantee) to our satisfaction, and all expenses incurred by the Company on carrying out such works have been included for adjustment
  - c. All objections raised so far have been settled
  - d. A note for refund of Guarantee Amount has been made in the Measurement Book and Contract Agreement/Work Order

Signature of BHEL Engineer

Construction Manager

Date:-----

-----

**FOR USE IN ACCOUNTS DEPARTMENT**

Passed for Rs \_\_\_\_\_ ( Rupees \_\_\_\_\_ only)

Accountant

Accounts Officer

-----

**ACKNOWLEDGE BY THE CONTRACTOR**

Received Rs \_\_\_\_\_ in full and final settlement of my/our claim

Signature of Contractor

Date:

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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Form No: F-25 (Rev 00)

**POWER OF ATTORNEY for SUBMISSION OF TENDER/SIGNING CONTRACT AGREEMENT**

(To be typed on non judicial Stamp Papers of appropriate value as applicable and Notarised)

KNOW ALL MEN BY THESE PRESENTS, that I/We do hereby make, nominate, constitute and appoint Mr ..... , whose signature given below herewith to be true and lawful Attorney of M/s..... hereinafter called 'Company', for submitting Tender/entering into Contract and inter alia, sign, execute all papers and to do necessary lawful acts on behalf of Company with M/s Bharat Heavy Electricals Ltd, Power Sector \_\_\_\_\_ Region, \_\_\_\_\_, in connection with  
.....  
.....  
..... vide Tender Specification No :  
\_\_\_\_\_, dated \_\_\_\_\_.

And the Company do hereby agree to ratify and confirm all acts, deeds, things or proceedings as may be lawfully done by the said attorney and by or on behalf of the company and in the name of the company, by virtue of the powers conferred herein and the same shall be binding on the company and shall have full force and effect.

IN WITNESS WHEREOF the common seal of the company has been hereunto affixed in the manner hereinafter appearing on the document.

Dated at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_

Director/CMD/Partner/Proprietor

Signature of Mr.....(Attorney)

Attested by: Director/CMD/Partner/Proprietor

Witness

Notary Public

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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Form No: F-26 (Rev 00)

### ANALYSIS OF UNIT RATES QUOTED

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

Offer Reference No:.....

Date:.....

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub : Analysis of Unit Rates Quoted

Ref : Tender Specification No: .....

Analysis of Unit Rates quoted by us in respect of above Tender is as detailed

SN	DESCRIPTION	% OF QUOTED RATE	REMARKS
01	SITE FACILITIES VIZ., ELECTRICITY, WATER OTHER INFRASTRUCTURE.		
02	SALARY AND WAGES + RETRENCHMENT BENEFITS		
03	CONSUMABLES		
04	T&P DEPRECIATION & MAINTENANCE		
05	ESTABLISHMENT & ADMINISTRATIVE EXPENSES		
06	OVERHEADS		
07	PROFIT		
	<b>TOTAL</b>	100%	

Yours faithfully,

(Signature, Date & Seal of Authorized Representative of the Bidder)

**BHARAT HEAVY ELECTRICALS LIMITED**

DIVISION.....

**Running Account Bill**

(Para 4.31.1 of Works Accounts Manual)

Name of the Contractor:

Departmental Bill no:

Date:

Name of the Work:

Division:

Sub-Division:

Sanctioned Estimate:

Date of written order to commence the work :

Code No:

Date of commencement of the Work:

Contract Agreement No :

Dated:

Due date of completion as per Agreement:

**1. ACCOUNT OF WORK EXECUTED**

On account payment for work not previously measured**	Item No of	Description of Work	Quantity as per agreement	Quantity executed up to date	Rate	Unit	Payment on the basis of actual	Quantity since last running measurement up to date	Payment on the basis of actual measurement account bill	Remarks		
-----												
Total As per Running Account bill	since last running account bill	Total up to date										
Rs.	Rs.	Rs.			Rs.	P.	Rs.	P.	Rs.	P.		
1	2	3	4	5	6	7	8	9	10	11	12	13

\*\*1. Whenever payment is made on 'on account' basis without actual measurements the amount in whole rupees should be entered in columns 1 to 3 only and not in columns 7 to 12.  
 2. whenever there is an entry in column 12 on the basis of actual measurement, the whole of the amount previously paid without detailed measurement should be adjusted by a minus entry in column 2 equivalent to the amount shown in column 1, so that the total up to date in column 4 may become nil.

<b>Bharat Heavy Electricals Limited</b>		
Power Sector - Eastern Region, Kolkata		
<b>E-TENDER ENQUIRY NO: PSER: PUR: MSX: 154(VIII):107 Date: 18-1-2016.</b>		
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Form WAM 6 (contd...)

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1	2	3	4	5	6	7	8	9	10	11	12	13
---	---	---	---	---	---	---	---	---	----	----	----	----

---

Total value of work done up to date (A) ...

Deduct value of work shown on the last Running Account Bill (B) ...

Net value of work done since last (C) ...

---

Rupees (in words) .....only.

**II.MEMORANDUM OF PAYMENTS**

		Rs.	P.		I		II	
					Rs.	P.	Rs.	P.
1.Total value of work actually measured as per Account No. I. Column 10	(A)	.....					.....	
2.Total up to date 'on account' payment for work covered by approximate Or plan measurements as per Account No. I, Column 3	(B)	.....					.....	
3.Total up to date secured advances on security of materials as per column 8 Of the enclosed Account (Form WAM 10)	(C)	.....					.....	
4.Total up to date payments [(A) + (B) + (C)]	(D)	.....					.....	
5.Total amount of payments already made as per Entry (D) of last Running Account Bill No..... Dated.....forwarde to the Accounts Office on .....	(E)	.....						
6.Balance [(D)-(E)]		.....						
7.Payments now to be made:								
a) by cash/cheque								
b) by deduction for value of materials supplied								
c) by BHEL vide Annexure A attached								
d) by deduction for hire of tools and plant vide Annexure B attached								
e) by deduction for other charges vide Annexure C Attached								
f)by deduction on account of security deposit								
h) by deduction on account of Income Tax								

Note: Amounts relating to items 4 to 6 above should be entered in column II and those relating to item 7 in column I. The amount shown against item 6 and the total of item 7 should agree with each other.

**III. CERTIFICATE OF THE ENGINEER IN CHARGE**

**Form WAM 6 (contd...)**

1. The measurements on which the entries in column 7 to 12 of Part I of this Bill (Account of work executed) are based were made by.....and are recorded at pages.....of  
(Name and Designation)

Measurement Book No .....

2. Certified that the methods of measurement are correct and the work has been carried out in accordance with the terms and conditions, schedules, specifications and drawings etc, forming part of the contract agreement, subject to deviations included in the deviation statement (Annexure D).
3. Certified that in addition to and quite apart from the quantities of work actually executed as shown in column 10 of Part I, some work has actually been done in connection with several items and the value of the such work is, in no case, less than 'on account' payments as per column 3 of Part I, made or proposed to be made, for the convenience of the contractor in anticipation of, and subject to the results of, detailed measurement which will be made as soon as possible.

Signature of Contractor  
Date:

Signature of Engineer in charge  
Designation:  
Date:

**IV. CERTIFICATE OF THE SENIOR ENGINEER**

1. Certified that measurements have been check measured to the prescribed extent by .....at site and also by the undersigned and the relevant entries have been intialled in the Measurement book. (vide pages.....)  
(Name and Designation)
2. Certified that all the measurements recorded in the measurement book have been correctly billed for
3. Certified that all recoberable amounts in respect of materials tools and plant etc, and other charges have been correctly made vide Annexures A to C attached.  
Certified for payment \* of Rs.....( Rupees.....only)  
To be paid in cash/by cheque in the presence of .....

ALLOCATION

The expenditure is chargeable as under and to be included in the accounts for.....20.....

Ledger Head	Debit (Gross amount)	Credit (Deductions)
	Rs.    P.	Rs.    P.
Total	_____	_____
	_____	_____
	_____	_____

\* Here specify the net amount payable.

Signature of Senior Engineer  
Date:



**ANNEXURE A**

Statement showing details of materials issued to the contractor Shri/M/s.....  
 In respect of Contract Agreement No .....Dated.....

Sl. No.	Stores issue Voucher No. and date	Issue voucher No. and date allotted by stores to the SIV	Description of material issued to the contractor	Quantity issued	Quantity actually incorporated in the work	Whether recoverable from the contractor or supplied free	If recoverable from the contractor				R E M A R K S	
							Rate at which recoverable	Amount recoverable	Amount recovered up to previous bill	Balance now recovered		
1	2	3	4	5	6	7	8	9	10	11	12	
Total							-----					

Signature of contractor  
Date:

Signature of Engineer in Charge  
Date:

Signature of Senior Engineer  
Date:

**ANNEXURE B**

Statement showing tools and plant issued to the contractor Shri/M/s.....  
 In respect of Contract Agreement No .....Dated.....

Sl. No	Description of tools and plant issued	Period for which Issued	Rate at which recovery Is to be Made		Amount recover-able		Amount recovered upto previous bill		Balance now recovered		Remarks
			Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	
1	2	3	4		5		6		7		8

Total -----

Signature of contractor  
Date:

Signature of Engineer in Charge  
Date:

Signature of Senior Engineer  
Date:

**ANNEXURE C**

Statement showing details of other recoveries to be made from the contractor Shri/M/s.....  
 In respect of Contract Agreement No .....Dated.....

Sl. No	Particulars	Unit	Quantity	Rate		Amount recover-able		Amount recovered upto pre-vious bill		Amount now recovered	Remarks
				Rs.	P.	Rs.	P.	Rs.	P.		
1	2	3	4	5		6		7		8	9
1.	Water Charges										
2.	Electricity charges										
3.	Seignorage charges										
4.	Medical charges										
5.	Cost of empty gunny bags and Empty containers not returned										
6.											
7.											
8.											
9.											
10.											
				Total							

Signature of contractor  
Date:

Signature of Engineer in Charge  
Date:

Signature of Senior Engineer  
Date:

**ANNEXURE D**

Name of the Contractor:  
Name of the Work:

Contract Agreement No:  
Date:

Sl. No.	Description of item	Unit	Quantity as per Agreement	Quantity as executed	Quantity further anticipated	Total quantity anticipated on completion	Rate as per agreement Rs. P.		
1	2	3	4	5	6	7	8		

Rate as executed	Amount as per agreement	Amount as executed	Amount further anticipated	Total amount anticipated on completion	Difference				Reason for the deviation with authority, if any					
Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	-----		Excess	savings						
Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.					
9		10		11		12		13		14		15		16

Signature of Engineer in Charge  
Date:

Signature of Senior Engineer  
Date:



1	2	3	4	5	6	7	8	9	10	11	12	13
---	---	---	---	---	---	---	---	---	----	----	----	----

Total Value of Work Done up to date	(A)	
Deduct Value of work shown on the last running account bill	(B)	
Net value of work done since last running account bill	(C)	

Rupees (In Words).....Only
----------------------------

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**II MEMORANDUM OF PAYMENT**

			Rs.	P
1	Total Value of work actually measured as per Account no I coloumn 10	(A)		
	Deduct amount of paym,ents already made as per last running account bill No ..... Dated.....			
2	Forwarded to the Accounts Office on .....	(B)		
3	Payments now to be made { (A) - (B)}	(C)		
4	Deduct ammounts recoverable from the contractor on account of :		Rs	P
	a    Material suplied by BHEL vide annexure A attached			
	b    Hire of Tools & Plants vide Annexure B attached			
	c    Other charges vide Annexure C attached			
	d    Income Tax			
	Total deduction			
5	Balance			
6	Refund of 50% of security deposite on completion of work			
7	Net amount to be paid to the Contractor			

**III. CERTIFICATE OF THE ENGINEER IN CHARGE**

The measurement on which the entries in coulms 7 to 12 of Part I of this bill (Account of work executed) are based were made by

.....

1 (Name and designation)

2 A statement showing the quantities of stores issued to the contractor (whether free or on recovery basis) and their disposal is attached.

Date: \_\_\_\_\_ Signature of Engineer in charge

Designation

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**IV CERTIFICATE OF THE SENIOR ENGINEER**

Certified that I have personally inspected the work and that the work has been physically completed on the due date in accordance with the terms and conditions, specifications and drawings etc, forming part of the contract agreement, subject to the deviations noted in the deviation statement

1 (Annexure D)

2 Certified that the measurements have been check measured to the prescribed extent by .....  
3 ..... (Name & designation). And by the the undersigned at site and relevent entries have been initiated in the measurement  
4 book (vide pages.....)

5 Certified that the methods of measurement are correct

6 Certified that the measurements have been technically checked with reference to contract drawings, deviations etc

7 Certified that all the measurements recorded in the measurement book have been correctly billed for at the contract rates or approved rates.

8 Certified that all the recoverable amounts in respect of stores, tools and pa\lant, e\water, electricity charges etc, have been correctly made vide  
9 Annexures A to C and that there is no other demands outstanding against the contractor on this contract.

10 Certified that the issues of all stores as per statement atyatched (whether charged to the contractor or direct to the work) have been technically  
11 checked and represent fair and reasonable issues for the items of work executed vide Annexure E.

12 Certified for payment of \* Rs ..... (Rupees.....) (Only). To be  
13 paid in cash/by cheque in the presence of

.....

**ALLOCATION**

The expenditure as under and to be included in the accounts for .....19

Ledger Head	Debit (Gross Amount)		Credit (Deduction)	
	Rs.	P	Rs.	P
.....	.....	.....	.....	.....
Total	.....	.....	.....	.....

\* Here specify the net amount payable

Signature of Senior Engineer  
Date

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**V. ENTRIES TO BE MADE IN THE ACCOUNTS OFFICE**

Account Bill no..... Dated .....

Entered in Journal book vide entry

No.....Dated.....

Passed for.....Rs.....

Less Deductions.....Rs.....

(Rupees.....Only)

Payable to Shri/M/s..... by cheque/cash

Entered in contractors' Ledger no..... Page

ALLOCATION

Estimate No:

Code No

Name of the Work .....

Ledger Head

Debit  
(Gross Amount)

Credit  
(Deduction)

Rs P

Rs

Total

Assistant

Accountant

Accounts officer

Date:

Date:

Date:

VI. Received Rs.....(Rupees.....Only) in full and final settlement of all moneys due under this contract and I / we have no further claims of this contract.

Signature of Witness

Address

Revenue Stamp  
Signature of Contractor  
Date:

**VII . ENTRIES TO BE MADE BY TREASURY SECTION**

Cash book entry no and date :

Amount Paid Rs.....

Amount unpaid Rs.....

Total Rs.....

Signature of Cashier

Date:

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ANNEXURE A

Part I

Statement showing details of material issued to the contractor Shri/M/s..... In respect of Contract Agreement/Work Order No..... Dated .....

SI No	Stores Issue voucher No and date	Issue voucher No and date allotted by stores to the SIV	description of material issued to the contractor	Quantity issued	Quantity actually incorporated in the work	Whether recoverable from the contractor or supplied free	Rate at which recoverable		Amount Recoverable		Amount recoverable upto previous bill		Balance Now recovered		Remarks
							Rs	P	Rs	P	Rs	P	Rs	P	
1	2	3	4	5	6	7	8		9	10		11		12	

Total .....

Signature of Contractor  
Date

Signature of Engineer in charge  
Date

Signature of Senior Engineer  
Date

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ANNEXURE A

Part II

Statement showing details of material issued to the contractor Shri/M/s..... in respect of Contract Agreement/Work Order No..... Dated .....and not covered by the agreement

SI No	Stores Issue voucher No and date	Issue voucher No and date allotted by stores to the SIV	description of material issued to the contractor	Quantity issued	Quantity actually incorporated in the work	Issue Rate	Amount Recoverable		Amount recoverable upto previous bill		Balance Now recovered		Remarks
							Rs	P	Rs	P	Rs	P	
1	2	3	4	5	6	7	8	9	10	11			

Total .....

Add Departmental Charges .....

Add Sales Tax (wherever applicable) .....

Total .....

Signature of Contractor  
Date

Signature of Engineer in charge  
Date

Signature of Senior Engineer  
Date

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ANNEXURE B

Statement showing TOOLS & PLANTS issued to the contractor Shri/M/s..... in respect of Contract Agreement/Work Order No..... Dated .....and not covered by the agreement

SI No	Description of tools & plants issued	Period for which issued	Rate at which Recivry is to be made	Amount recoverable		Amount recoverable upto previous bill		Balance Now recovered		Remarks
				Rs	P	Rs	P	Rs	P	
1	2	3	4	5	6	7	8			

Total .....

Signature of Contractor  
Date

Signature of Engineer in charge  
Date

Signature of Senior Engineer  
Date

|

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## ANNEXURE C

Statement showing detail of other recoveries to be made from the contractor

Shri/M/s.....

in respect of Contract Agreement/Work Order

No.....Dated.....

Sr.No	Particulars	Unit	Quantity	Rate Rs. P.	Amount recoverable Rs. P	Amount recovered upto previous bill Rs. P.	Amount now recovered Rs. P.	Remarks
1	2	3	4	5	6	7	8	9
1	Water Charges							
2	Electricity Charges							
3	Seignorage Charges							
4	Medical Charges							
5	Cost of empty gunny bags and empty containers not returned							
6								
7								
8								
9								
10								
Total								

Signature of Contractor  
DateSignature of Engineer Incharge  
DateSignature of Sr. Engineer  
Date

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ANNEXURE F

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Statement showing detail of materials issued to the contractor Shri/M/s.....

in respect of Contract Agreement/Work Order

No.....Dated.....

Name of work;

FREE OF COST

Sr.No	Stores issue voucher No.	Description of material	Unit	Quantity issued	Quantity required as per data	Quantity consumed in the work	Balance (If any)	Nature of disposal for the balance	Rate chargeable for material not returned Rs.P.	Amount recoverable for material not returned Rs. P	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
Total											

Signature of Contractor  
DateSignature of Engineer Incharge  
DateSignature of Sr. Engineer  
Date

Note: Data statement of theoretical consumption should be attached in support of the quantity specified in column 6

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Form WAM 7 (contd...)

**ANNEXURE D  
DEVIATION STATEMENT**

Name of the Contractor:  
Name of the Work:

Contract Agreement No:  
Date:

Sl. No.	Description of item	Unit	Quantity as per Agreement	Quantity as executed	Rate as per Agreement		Rate as executed		Amount as per Agreement. Rs. P.	Amount as executed Rs. P.	Difference		Reasons For Deviation with Authority,if Any
					Rs.	P.	Rs.	P.			Excess	Savings	
1	2	3	4	5	6	7	8	9	10	11	12		

Signature of Engineer in Charge  
Date:

Signature of Senior Engineer  
Date:

**ANNEXURE E**

Statement showing the consumption of materials issued to the contractor Shri/M/s .....  
 In respect of Contract Agreement No ..... Dated.....

**ON RECOVERY BASIS**

Sl. No	Description of Material	Unit	Quantity actually issued	Quantity actually incorporated in the work	Balance	Particulars of disposal of Balance	Quantity to be issued as per approved data for work actually done	Variation in Consumption between(Difference Column 5 & 8)		Rate Chargeble for excess/Short Consumption, if any.	Amount recoverable for excess/Short consumption, including materials not returned	R E M A R K S
								More	Less			
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Cement											
2	Bricks											
3	Wood.....											
4	Asbestos Sheet											
5	Iron Materials											
6	..											
7	..											
8	..											
9	..											
10												

Signature of contractor Date:	Signature of Engineer in Charge Date:	Signature of Senior Engineer Date:
----------------------------------	--	---------------------------------------

Note: 1. The quantities shown in column 4 & 5 above should tally with those shown in the column 5 & 6 respectively of the Annexure A (Part I and II).  
 2. Data statement of theoretical consumption should be attached in support of quantity in column 8.