



NOTICE INVITING TENDER Rev Dtd 1/04/2010

Sealed tenders are invited in two bid system (viz. Part-I: Technical cum Commercial Bid and Part-II : Price Bid) from bidders meeting Qualifying Requirements (QR) as specified later in this NIT. Brief details of job and Tender Specification (T.S.) No. are as under.

T. S. No. – BHE/PW/PUR/BHU-CLE/726

NAME OF THE WORK: Handling at Storage Yard/ Stores, Transportation to Site, Calibration, **Erection, Testing, Commissioning, Final Painting and Handing over of Electrical and Control & Instrumentation** works of Co-Generation Plant comprising of HRSG(1X62TPH), 1 X Frame 6 Gas Turbine **1X33.3 MW, Steam Unit and their Auxiliaries, Piping etc. AT GUJARAT NARMADA VALLEY FERTILIZERS COMPANY LIMITED DISTT. BHARUCH (GUJARAT)**

- **Issue of T. S. Documents: from : 09/04/2010 to 29/04/2010 ***
 - **Last Date for Tender Submission: 30/04/2010 /15.00HRS***
 - **Date of Opening Technical Bid: 30/04/2010/16.00HRS ***
- **Please obtain latest update with regard to these dates in our web page www.bhel.com → Tender Notifications → View Corrigendum.**

Earnest Money Deposit (EMD) : Rs 2.00 LAKHS

* : Prospective bidders to obtain latest update of these dates from our web page www.bhel.com → Tender Notifications → View Corrigendum

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- **Tender Specification documents with complete details are hosted in web page (www.bhel.com)..Bidders can directly download the same and use for submission of offer. Tender Document charges shall be paid to BHEL along with or before submission of Offer.**
 - Interested bidders may alternately collect hard copy of T.S. documents from this office on all working days within the sale period on payment of Tender Document charges.
 - Tender Specification Document Charges: Rs. 2,000/- by DD (in favour of BHEL payable at Nagpur) or cash. Courier charges will be Rs. 500/- extra if T.S. documents are requested through courier.
 - BHEL takes no responsibility for any delay/loss of documents or correspondences sent by courier/post.
 - Bidders who have deposited One Time EMD of Rs. 2.00 Lakhs with BHEL:PSWR:Nagpur will be exempted from submission of EMD with these tenders.
 - BHEL reserves the right to accept or reject any or all tenders without assigning any reasons whatsoever.
 - BHEL will operate Purchase Preference Policy of the Government of India as applicable.
 - Tenderers whose bids are found techno commercially qualified shall be informed the date and time of opening of the Price Bids.
 - All corrigenda, addenda, amendments and clarifications to Tender Specifications will be hosted in this web page (www.bhel.com) → Tender Notifications → View

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Corrigendum) and not in the newspaper. Bidders shall keep themselves updated with all such amendments.

- **Acceptance of any tender shall be subject to it's approval by BHEL's customer.**
- BHEL reserves the right to reject any tender on the basis of unsatisfactory performance of the bidder in any ongoing job or any similar job in the last seven years or for furnishing false information/declaration in the offer

Qualifying Requirements (QR)

Bidder shall essentially meet the All the Qualifying Requirements (QR) (i.e. a.1or a.2 or a.3 or a.4 and b, c, d ,e) as stated below.

- a) Bidder must have executed the work of Erection, Testing and Commissioning of **Electrical and Control & Instrumentation work** in any Power Plant or in any Industry in last 7 years as on 31.03.2010 as below:

- a.1) One similar job of at least Rs. 145.00 lakh value in a single work order.

OR,

- a.2) Two similar jobs of at least Rs. 90.00 lakh value per job.

OR,

- a.3) Three similar jobs of at least Rs. 72.00 lakh value per job.

OR,

- a.4) Electrical and Controls & Instrumentation System work in a Thermal or Gas Based Power Plant of at least one unit of **100 TPH** or equivalent or higher rating.

AND

- b) Bidder must possess valid Electrical Contractors license issued by Statutory Authorities for executing HT Electrical works.

AND

- c) Bidders must have achieved an Average annual financial turnover of **Rs. 55.00 Lakhs** or more over last three Financial Years i.e. 2007-08, 2008-09, & 2009-10 **OR** 2006-07, 2007-08 & 2008-09 if Accounts for FY 09-10 has not been audited

AND

- d) Net worth of bidder based on Audited Accounts of 2009-10 (**OR** 2008-09 incase accounts for FY 09-10 as furnished by Bidder in case of 'c' above should be higher than 50% of the Paid-up Capital in case of Companies.

AND

- e) Bidder must have earned cash profit in any one of the three Financial Years as applicable in case of 'c' above based on latest Audited Accounts.

Explanatory Notes for QR 'a'

1. The word 'executed' means the bidder should have achieved the criteria specified in the QR even if the total contract has not been completed or closed.

GENERAL

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- 1) **Timing of sale of Documents:** Tender Specification documents will be issued from BHEL PSWR Nagpur office from 10:00 AM to 4:00 PM on all working days within the period specified in the NIT.
- 2) **Holidays:**
Sale of Tender Documents shall not take place on National Holidays, holidays declared by the Central or State Governments, Sundays, second and last Saturdays and holidays of BHEL PSWR Nagpur HQ.
- 3) **Seeking Clarifications on Tender Specification:**
Clarifications on the Tender Specifications, if any, may be sought by the bidders so as to reach this office at least **seven days before the Due Date** for submission.
- 4) **Fulfillment of Qualifying Requirements:**
A bidder must satisfy **all the Qualifying Requirements** stipulated under 'a', 'b' 'c' & 'd' etc of this tender concurrently in order to get qualified.
- 5) **Customer Approval:** Customer approval is required for this package, bidder's offer will be accepted subject to approval of bidder by customer.
- 6) **Supporting Documents:**
Bidders shall submit documents in support of possessing "Qualifying Requirements" as under duly self-certified and stamped by the authorized signatory.
 - List of jobs done with Name of the Project, Owner of Project, Name of Customer, Work Order Ref. No. & Date, Brief Details of Job, Executed Value, Date of Start, Date of Completion.
 - Photocopies of Work Orders issued by the Customer containing details of Bill of Quantities/Schedule of Rates.
 - Empanelment certificate issued by BHEL-PSWR
 - Photocopies of Completion Certificate issued by Customer or Owner of Project.
 - Photocopies of audited Profit and Loss accounts accompanied by relevant schedules for turnover figures.
- 7) **Earnest Money Deposit (EMD):** Refundable, Non-interest bearing EMD for each tender is indicated against each job earlier here. Bidders may also opt to deposit "One Time EMD" of Rs. 2.0 lacs and thus be exempted henceforth from payment of EMD with each Erection and Commissioning tender of BHEL-PSWR Nagpur. EMD shall be paid ONLY by **Account Payee Demand Draft** in favour of "Bharat Heavy Electricals Limited" payable at Nagpur.

Those bidders who have already deposited 'One Time EMD' earlier need not submit EMD with the present tenders. Please indicate the payment details of the 'One Time EMD' in each tender.



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8) Tender Document Cost and Courier Charges:

Tender document charges @ Rs 2000/- per set and courier charges @ Rs 500/- per set shall be made by Account Payee Demand draft in favour of "Bharat Heavy Electricals limited" payable at Nagpur or in cash payable at cash counter of this Office. Courier charges shall be paid in case bidders requests for dispatch of Tender specifications by courier. In case bidder downloads the Tender specifications etc from web page, they shall remit the Tender document charges (Rs 2000/-) positively along with or before submission of offer.

- 9) **Liquidated Damages/Penalty:** BHEL will impose Liquidated Damages and Penalty as per suitable clauses in the respective Tender Specifications on account of delay, violation of contract conditions and non-performance attributable to the contractor.

- 10) **LATE TENDER :** Tender received after the specified time of submission shall not be considered in any circumstances.

- 11) **REVERSE AUCTION :** BHEL may resort to the process of REVERSE AUCTION (on Line bidding) among the bidders who are found to be qualified on the basis of Technical Bid and approval of customer. Details of Reverse Auction process are furnished in Section 18 of SCC under title "Reverse Auction Procedure". Date of Reverse Auction/On-line bidding shall be intimated to all techno-Commercially qualified bidders later. In case the option of Reverse Auction/On-line bidding is not exercised by BHEL, the sealed price bid of technically qualified bidders shall be considered for further processing of the offer and evaluation.

Senior Manager (Purchase)
BHEL:PSWR:Nagpur

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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 competent to participate in the bidding. Entering into this pact shall be a preliminary qualification.

1.2. SUBMISSION OF TENDERS

- i) The tenderers must submit their tenders to Officer inviting tender as per instructions in the NIT
- ii) 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.
- iii) 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

- iv) 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.
- v) Before tendering, 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**

- i) 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.
- ii) 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:**

If there are differences between the rate 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 bids, 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 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) In case of Reverse Auction, the successful bidder shall undertake to execute the work as per overall price offered/bid by him during the Reverse auction process. In case of omission of rates, the Total quoted price (loaded for omissions) shall be arrived at in line with the manner described in sl no v above. However the overall price remaining the same as offered/bid during the Reverse auction process, 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 offered/bid during the Reverse Auction process and the 'Total quoted price (loaded for omissions)'. The sealed price bids of all the parties who participated in the Reverse Auction process shall be opened to arrive at the lowest rates quoted by the tenderers for the omission items.

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) 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
- v) 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

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

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

- 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.

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, shall be exclusive of Price Variation Clause and Over Run Compensation

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 fulfil 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 / 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 the last date for submission of Tenders. 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 and unsolicited tenders, tenders which are incomplete or not in the form specified or defective or have been materially altered or not in accordance with the tender conditions, specifications etc., are liable to be rejected.

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. BHEL reserves the right to reject a bidder in case it is observed that they are overloaded and may not be in a position to execute this job as per the required schedule. The decision of BHEL will be final in this regard.

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.

- 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.
- 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.
- 1.15.7 Canvassing in any form in connection with the tenders submitted by the Tenderer shall make his offer liable to rejection.
- 1.15.8 Should a tenderer in the case of a firm or company one or more of its partners/shareholders/Directors have a relation or relatives employed in BHEL, the authority inviting tender shall be informed of the fact along with the offer as per specified format. Failing to do so, BHEL may, at its sole discretion, reject the tender or cancel the contract and forfeit the Earnest Money/Security Deposit.
- 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. The tenderer is solely responsible to BHEL for the work awarded to him.
- 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
- 1.15.11 Unsolicited discounts 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.
- 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.

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.

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 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.
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	LAW GOVERNING THE CONTRACT AND COURT JURISDICTION 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
2.3	ISSUE OF NOTICE 2.3.1 <u>Service of notice on contractor</u> Any notice to be given to the Contractor under the terms of the contract shall be served by sending the same by Registered Post / Speed Post 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. 2.3.2 <u>Service of notice on BHEL</u> 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 financial liability of BHEL under this contract.

2.6.7 The measurement shall be taken jointly by persons duly authorized on the part of BHEL and by the Contractor.

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.

- 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.
- 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.
- 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. **After the payment of final bill only the guarantee obligation money will remain unpaid which shall be released in accordance with clause 2.24.**

2.7 RIGHTS OF BHEL

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.

- 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.
- 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 of a period of two weeks by BHEL, in the event of:-
- i) Contractor's continued poor progress
 - ii) Withdrawal from or abandonment of the work before completion of the work
 - iii) Contractor's inability to progress the work for completion as stipulated in the contract
 - iv) Poor quality of work
 - v) Corrupt act of Contractor
 - vi) Insolvency of the Contractor
 - vii) Persistent disregard to the instructions of BHEL
 - viii) Assignment, transfer, sub-letting of contract without BHEL's written permission
 - ix) Non fulfillment of any contractual obligations
 - x) in the opinion of BHEL, the contractor is overloaded and is not in a position to execute the job as per required schedule
- 2.7.3 To meet the expenses including BHEL overheads of 30% & Liquidated damage/penalties arising out of "Risk & Cost" as explained above under SI.No. 2.7.2. BHEL shall recover the amount

from any money due from Contractor, 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 15% on all such payments.

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, provided that the balance works are minor vis a vis the scope of work envisaged as per the contract. 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 as mutually agreed, shall however be reduced from the final contract value. Contract value for this purpose shall mean executed contract value plus value of unexecuted portion of work as per rate schedule.

2.7.9 **LIQUIDATED DAMAGES/PENALTY**

If the contractor fails to maintain the required progress of work which results in delay in the completion of the work as per the contractual completion period, BHEL shall have the right to impose Liquidated Damage/Penalty at the rate of 0. 5% of the contract value, per week of delay or part thereof subject to a maximum of 10% of the contract value. For this purpose, the period of delay shall be the delay attributable to the Contractor for the completion of work as per contract. Contract Value for this purpose, shall be the final executed value net of taxes if quoted separately, ORC, Extra Works executed on Manday rate basis, Supplementary/Additional Items, but inclusive of PVC.

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.
- 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 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**

- 2.9.1 A tentative plan/programme for resource mobilization shall be furnished by the tenderer in his offer as per prescribed formats, to match the tentative construction schedule furnished by BHEL in the tender.
- 2.9.2 However, before commencement of work, a detailed plan/programme for completion of the contractual scope of work shall be jointly agreed between BHEL and Contractor. The above programme shall be supported by monthwise deployment of resources viz Manpower, T&P, Consumables, etc. Progress will be reviewed periodically (Daily/Weekly/Monthly) vis a vis this jointly agreed programme. The Contractor shall submit periodical progress reports (Daily/Weekly/Monthly) and other reports/information including manpower, consumables, T&P mobilization etc as desired by BHEL.
- 2.9.3 Monthly progress review between BHEL and Contractor shall be based on the agreed programme, availability of inputs/fronts etc, and constraints if any. The burden of proof that the causes leading to any shortfall is not due to any reasons attributable to the contractor is on the contractor himself. The monthly progress review shall record shortfalls attributable to (i) Contractor, (ii) Force Majeure Conditions, and (iii) BHEL
- 2.9.4 Quarterly performance of the contractor shall be assessed as per prescribed formats and shall form the basis of 'Performance Evaluation' of the Contractor.

2.10 TIME OF COMPLETION

- 2.10.1 The time schedule shall be as prescribed in the Contract. The time for completion shall be reckoned from the date of commencement of work at Site as certified by BHEL Engineers
- 2.10.2 The entire work shall be completed by the contractor within the time schedule or within such extended periods of time as may be allowed by BHEL under clause 2.11

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. Depending upon the balance amount of work left out, the number of months of 'Time Extension' required for completion shall be worked out based on monthly reviews jointly signed with the contractor during the contract period.
- 2.11.2 The 'Time Extension' required for completion shall clearly spell out the portion of time attributable to (i) Contractor, (ii) Force Majeure Conditions, and (iii) BHEL, and shall be exhausted in the same order
- 2.11.3 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 to be deployed by the contractor. Review of the programme and record of shortfall shall be done every month of the extended period in the same manner as is done for the regular contract period.
- 2.11.4 During the extended period, contractor shall maintain their resources as per mutually agreed program
- 2.11.5 In case the completion of balance works gets delayed beyond the extended period, the contractor shall request for subsequent extension and BHEL at its discretion may agree for the extension. Depending upon the amount of work balance, the number of months of subsequent 'Time Extension' required for completion shall be worked out based on monthly reviews jointly signed with the contractor during such extended period. Further actions shall be as per clauses 2.11.2 to 2.11.4
- 2.11.6 The cumulative of portions of 'Time Extensions' attributable to Contractor shall be considered as the period of delay attributable to the Contractor for the completion of work as per contract.

2.12 OVERRUN COMPENSATION

- 2.12.1 The contractor shall be entitled for Over Run Compensation (ORC) for portion of 'Time Extension' attributable to BHEL, in the manner as described herein below.
- 2.12.2 Rates of ORC payable per month shall be as per following
- a. **For a period of one year after completion of original contract period:**
 - 5% of {(Value of work balance at the end of original contract period) divided by (original contract period in months)} rounded off to the next Rs 1000.
 - b. **For a period of one year after 'a' above:**
 - 5% of {(Value of work balance at the end of : original contract period+12 months) divided by (original contract period in months)} rounded off to the next Rs 1000
 - c. Step b to be repeated for every subsequent years considering the value of work balance at the start of the year in consideration, rounded off to the next Rs 1000
 - d. Values so arrived at 'a', 'b' and 'c' are subject to maximum of Rs 5.0 lakhs per month and

minimum of Rs 50,000/- per month.

2.12.3 Payment of ORC shall be regulated as follows:

- i) ORC shall be paid only for the portion of Time extensions attributable to BHEL
- ii) Payment of ORC is subject to Contractor maintaining minimum resources as per agreed program and certified by BHEL
- iii) Total Over Run Compensation shall be limited to 10% of the executed contract value excluding PVC, ORC, Supplementary/Additional Items and Extra Works done on Manday rate basis

2.12.4 Example for ORC for delays attributable to BHEL (All Values in Rs Lakhs)

Sl No	Particulars	Case I	Case II	Case III	Case IV
1	Contract Value	15000	6000	300	100
2	Original Contract period in Months	36	30	24	12
3	ORC for Year-1	37 th - 48 th month	31 st – 42 nd month	25 th -36 th month	13 th -24 th month
3.1	Value of work balance at the end of original contract period	6000 i.e. 40%	1500 i.e. 25%	90 i.e. 30%	40 i.e. 40%
3.2	ORC calculated @ 5% of (sl no 3.1 / sl no 2)	8.333333	2.5	0.1875	0.16666
3.3	ORC rounded off to next 1000	8.34	2.5	0.19	0.17
3.4	ORC payable (upper limit of Rs 5.0 lakhs, AND Lower limit of Rs 0.50 Lakhs)	5.0	2.5	0.5	0.5
4	ORC for Year-2	49 th – 60 th month	43 rd -54 th month	37 th -48 th month	25 th -36 th month
4.1	Value of work balance at the end of original contract period + 12 months	3000 i.e. 20%	600 i.e 10%	60 i.e. 20%	20 i.e. 20%
4.2	ORC calculated @ 5% of (sl no 4.1 / sl no 2)	4.16666	1.0	0.125	0.08333
4.3	ORC rounded off to next 1000	4.17	1.0	0.13	0.09
4.4	ORC payable (upper limit of Rs 5.0 lakhs, AND Lower limit of Rs 0.50 Lakhs)	4.17	1.0	0.50	0.50

2.13 **INTEREST BEARING RECOVERABLE ADVANCES**

- 2.13.1 Normally no advance is payable to the contractor. However, advance payment in exceptional circumstances shall be interest bearing and secured through an equivalent Bank Guarantee and shall be limited to a maximum of 5% of contract value.

- 2.13.2 In exceptional circumstances, with due justification, Competent Authority of BHEL is empowered to approve proposals for payment of additional interim interest bearing advance against matching Bank Guarantee, for resource augmentation towards expediting work for project implementation.
- 2.13.3 Payment and recovery of Interest Bearing Recoverable advance shall be at the sole discretion of BHEL and shall not be a subject matter of arbitration.
- 2.13.4 The rate of interest applicable for the above advances shall be the prime lending rate of State Bank of India prevailing at the time of disbursement of the advance + 2%, and such rate will remain fixed till the total advance amount is recovered
- 2.13.5 Unadjusted amount of advances paid shall not exceed 5% of the total contract value at any point of time. Recovery of advances shall be made progressively from each Running Bill such that the advance amounts paid along with the interest is fully recovered by the time the contractor's billing reaches 80% of contract value.
- 2.13.6 Recovery rate per month shall be the sum of:
- 10% of Running Bill amount
 - Simple interest up to the date of RA Bill on the outstanding Principle amount/amounts
- 2.13.7 Contractor to submit Bank Guarantee as per prescribed formats for each of the advance and shall be valid for at least one year or the recovery duration or the balance contract period which ever is later. In case the recovery of dues does not get completed within the aforesaid BG period, the contractor shall renew the BG or submit fresh BG for the outstanding amount and the remaining recovery period.
- 2.13.8 BHEL is entitled to make recovery of the entire outstanding amount in case the contractor fails to comply with the BG requirement

2.14 QUANTITY VARIATION

- 2.14.1 The quoted rates shall remain firm irrespective of any variations in the individual quantities. No compensation becomes payable in case the variation of the final executed contract value is within the limits of :
- Plus (+) or Minus (-) 30% of contract value in case of Civil or Structural or Civil & Structural or Electrical or CI or Electrical & CI Packages
 - Plus (+) or Minus (-) 10% of contract value in case of Mechanical and all other Packages
 - Variations limits as specified in 'a' or 'b' above for respective components in case of Composite Packages.
- 2.14.2 Compensation due to variation of final executed value in excess of the limits defined in clause above, shall be as follows:
- In case the finally executed contract value reduces below the lower limit of Contract Value due to quantity variation specified above for the respective packages, the contractor will be eligible for compensation @ 15% of the difference between the lower limit of the contract value and the actual executed value.
 - In case the finally executed contract value increases above the upper limit of Contract Value due to

quantity variation specified above for the respective packages, there will be no revision in the rates within the contract period.

2.15 EXTRA WORKS

- 2.15.1 All rectifications/modifications, revamping, and reworks required for any reasons not due to the fault of the contractor, or needed due to any change in deviation from drawings and design of equipments, operation/maintenance requirements, mismatching, or due to damages in transit, storage and erection/commissioning, and other allied works which are not very specifically indicated in the drawings, but are found essential for satisfactory completion of the work, will be considered as extra works.
- 2.15.2 Each Extra works requiring less than 50 manhours shall be considered as minor and shall be carried out by the contractor free of cost. Each Extra work requiring more than 50 man hours will be considered for payment on man hour basis in excess of 50 hours. The decision of BHEL shall be final and binding on the contractor. Example:
- Extra work requiring 45 manhours : Work considered minor and to be executed free of cost by Contractor
 - Extra Work requiring 125 Manhours : 75 Manhours (125-50 =75) considered for payment subject to acceptance of work as extra by BHEL.
- 2.15.3 Extra works arising on account of the contractor's fault, irrespective of time consumed in rectification of the damage/loss, will have to be carried out by the contractor free of cost. Under such circumstances, any material and consumable required for this purpose will also have to be arranged by the contractor at his cost.
- 2.15.4 All the extra work should be carried out by a separately identifiable gang, without affecting routine activities. Daily log sheets in the pro-forma prescribed by BHEL should be maintained and shall be signed by the contractor's representative and BHEL engineer. No claim for extra work will be considered/entertained in the absence of the said supporting documents i.e. daily log sheets. Signing of log sheets by BHEL engineer does not necessarily mean the acceptance of such works as extra works.
- 2.15.5 BHEL retains the right to award or not to award any of the major repair/rework/modification/rectification/fabrication works to the contractor, at their discretion without assigning any reason for the same
- 2.15.6 After eligibility of extra works is established and finally accepted by BHEL engineer/designer, payment will be released on competent authority's approval at the following rate.
- MAN-HOUR RATE FOR ELIGIBLE EXTRA WORKS:** Single composite average labour man-hour rate, including overtime if any, supervision, use of tools and tackles and other site expenses and incidentals, consumables for carrying out any major rework/ repairs/ rectification/ modification/ fabrication as certified by site as may arise during the course of erection, testing, commissioning or extra works arising out of transit, storage and erection damages, payment, if found due will be at Rs 50/- per man hour.
- 2.15.7 The above composite labour man hour rate towards extra works shall remain firm and not subject to any variation during execution of the work. PVC will not be applicable for extra works. Rate revision, Over Run Charges/compensation etc will not be applicable due to extra works.

2.16 SUPPLEMENTARY ITEMS

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, payments shall be regulated on the basis of any one of the following on mutual agreement,

- i) Based on percentage breakup/rates indicated for similar/nearby items
- ii) In case above does not exist, then BHEL/site may derive the percentage breakup/rates to suit the type of work

2.17 PRICE VARIATION COMPENSATION

2.17.1 In order to take care of variation in cost of execution of work on either side, due to variation in the index of LABOUR, DIESEL and ELECTRODE, Price Variation Formula as described herein shall be applicable

2.17.2 85% component of Contract Value shall be permitted to be adjusted for variation in various relevant indices during execution of work. The remaining 15% shall be treated as fixed component

2.17.3 The basis for calculation of price variation in each category, their component, Base Index, Base Date of accounting shall be as under:

SL NO.	CATEGORY	BASE INDEX	COMPONENT ('K')		
			CIVIL PACKAGES (See Note B below)	MECHANICAL PACKAGES	LABOUR ORIENTED PACKAGES (***)
A)	LABOUR (ALL CATEGORIES)	'MONTHLY ALL-INDIA AVERAGE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS' published by Labour Bureau, Ministry of Labour and Employment, Government of India. (Website: labourbureau.nic.in)	40	65	80
B)	HIGH SPEED DIESEL OIL	Name of Commodity : HSD OIL. Type : INDIVIDUAL COMMODITY (See Note A below)	5	5	5
C)	WELDING ELECTRODE	Name of Commodity : ELECTRODES Type: INDIVIDUAL COMMODITY (See Note A below)		15	
D)	MATERIALS	Name of Commodity: ALL COMMODITIES Type: GROUP ITEM	40		

Note: A) As per the 'MONTHLY WHOLE SALE PRICE INDEX' for the respective Commodity and Type, published by Office of Economic Adviser, Ministry of Commerce and Industry, Government of India. (Website : www.eaindustry.nic.in)

B) Excluding value pertaining to Reinforcement Steel, Structural Steel and Cement. In case these are supplied by the contractor, then the same will be covered in SCC through a base price and separate PVC

2.17.4 Payment/recovery due to variation in index shall be determined on the basis of the following notional formula without any initial absorption, in respect of the identified components viz LABOUR, HIGH SPEED DIESEL OIL, ELECTRODE, CEMENT, IRON & STEEL

$$A = K \times R \times \frac{(X_N - X_0)}{X_0}$$

Where

A = Amount to be paid/recovered due to variation in the Index for Labour, Electrode, High Speed Diesel Oil, Cement and Iron & Steel

K = Percentage component applicable for Labour, Electrode, High Speed Diesel Oil, Cement and Iron & Steel.

➤ Predominantly 'Labour Oriented' works include Material Handling & Management, Insulation, Painting, Electrical and CI or a combination thereof, which are separately tendered and awarded,

➤ For Composite packages (i.e. Civil+Mechanical+Electrical/CI or Civil+Mechanical or Mechanical+Electrical/CI), the components for various categories shall be as per respective packages

➤ ~~For Civil packages (With or without Structures), in case Cement and/or Steel if provided free of cost, then the respective component to be added to 'labour' component.~~

R = Value of work done for the billing month (Excluding Taxes and Duties if payable extra)

XN = Revised Index No for Labour, Electrode, High Speed Diesel Oil, Cement and Iron & Steel for the billing month under consideration

Xo = Index no for Labour, Electrode, High Speed Diesel Oil, Cement and Iron & Steel as on the Base date.

2.17.5 **Base date shall be calendar month of the date of opening of Tender.**

2.17.6 PVC shall not be applicable to ORC, Supplementary/Additional Items, Extra works executed on manday rates basis.

2.17.7 The contractor shall furnish necessary monthly bulletins for the necessary indices from the relevant websites along with his Bills.

2.17.8 The contractor will be required to raise the bills for price variation payments on a monthly basis along with the running bills irrespective of the fact whether any increase/decrease in the index for relevant categories has taken place or not. In case there is delay in publication of bulletins (final figure), the provisional values as published can be considered for payments and arrears shall be paid/recovered on getting the final values.

2.17.9 The Total Quantum of Price Variation amount payable/recoverable shall be regulated as follows:

- i) PVC shall not be applicable for the first 12 (twelve) months from the last date of submission of Tender.
- ii) Subject to (i) above, PVC for the period up to original contract period shall be as per prevailing indices for respective categories
- iii) PVC for the period beyond original contract period shall be as follows:
 - a) Initially PVC shall be provisionally paid as per indices indicated against sl no (i) of the table below.
 - b) At the end of completion of contract when the months of extensions attributable to (i) Contractor, (ii) Force majeure Conditions, (iii) BHEL, are assessed, PVC shall be regulated as per Table below and any balance shall be paid/recovered.
- iv) Total PVC payable is limited to 10% of executed Contract value
- v) Executed Contract value for the purpose of operation of PVC is exclusive of Overrun charges, Supplementary/Additional Items, Taxes and Duties if payable extra, Extra works done on Manday rate basis, etc.
- vi) The quantum of price variation amount per month shall be restricted to the ceiling percentage for each RA Bill Amount. The final adjusted amount of PVC shall be paid along with the final Bill.
- vii) PVC shall not be applicable to manpower service contract, Hiring of vehicles and cranes,

transportation, crane hiring, etc

Table for Applicability of PVC Indices

SI No	Applicable PVC Indices	For the Number of Months of Extension attributable to
i	Frozen at the average of monthly indices for respective categories for the period defined below:- ➤ Start month: Month of actual start of work ➤ Ending Month : End of original contract period (month) reckoned from date of start of work	Contractor
ii	Frozen at the indices obtaining at the end of the original contract period (month), reckoned from date of start of work	Force Majeure Conditions
iii	As prevailing for the number of months up to end of extended contract period	BHEL

2.17.10 Example for PVC

PVC calculation for 3 different cases of execution for a typical contract of 15 months
(All dates/data in Months)

SI No	Particulars	As per Contract	As per Actual		
			Case-I	Case-II	Case-III
1	Start of Work (Start of Contract)	1 st Month	1 st Month	10 th Month	18 th Month
2	Contractual Completion	15	15	25	33
3	Actual Completion		25	35	43
4	Total delay (in Months)		10	10	10
5	Delay due to Contractor (say 6 months)		16 th to 21 st Month	26 th to 31 st Month	34 th to 39 th Month
6	Delay due to Force Majeure Conditions (say 1 month)		22 nd Month	32 nd Month	40 th Month
7	Delay due to BHEL (say 3 months)		23 rd to 25 th Month	33 rd to 35 th Month	41 st to 43 rd Month
8	PVC start (from)	13 th Month	13 th Month	13 th Month	18 th Month
9	PVC upto (Contractual completion period with respective Monthly Indices)	15 th Month	15 th Month	25	33
10	PVC for period of delay due to contractor (for period of six months)	NA	Average of respective indices from 1 st to 15 th Month	Average of respective indices from 10 th to 25 th Month	Average of respective indices from 18 th to 33 rd Month
11	PVC for period of delay	NA	Respective	Respective	Respective

	due to Force Majeure Conditions (for period of one month) beyond contract period		Indices frozen at 15 th Month	Indices frozen at 25 th Month	Indices frozen at 33 rd Month
12	PVC for period of delay due to BHEL (for period of three months)	NA	Respective Indices for the months 23 to 25	Respective Indices for the months 33 to 35	Respective Indices for the months 41 to 43

2.18 INSURANCE

- 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, 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 If due to contractor's carelessness, negligence or non-observance of safety precautions, damage to BHEL's /Customer's property and personnel should occur and if BHEL is unable to recover in full the cost from the insurance Company, the same including the "Deductible Franchise" will be recovered from the contractor.
- 2.18.5 The contractor will take necessary precautions and due care to protect the material, while in his custody from any damage/ loss till the same is taken over by BHEL or customer. For lodging / processing of insurance claim the contractor will submit necessary documents. BHEL will reserve the right to 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 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 BHEL/In charge(Region) who will appoint General Manager/BHEL as Arbitrator

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

2.22.1 Retention Amount shall be 5% of executed contract value and shall be recovered at the rate of 5% from each Running Bill admitted, including PVC Bills.

2.22.2 Refund of Retention Amount shall be as follows.

- i) 50% of retention amount along with 'Final Bill'
- ii) Balance 50% of retention amount shall be retained towards 'Performance Guarantee for Workmanship' and shall become refundable after expiry of Guarantee period, provided all the defects noticed during the guarantee period have been rectified to the satisfaction of BHEL Site Engineer/BHEL Construction Manager, and after deducting all expenses/other amounts due to BHEL under the contract/other contracts entered into by BHEL with them.

2.23 PAYMENTS

Payments to Contractors are made in any one of the following forms

2.23.1 Running Account Bills (RA Bills)

- i) These are for interim payments when the contracts are in progress. The bills for such interim payments are to be prepared by Contractor in prescribed formats (RA Bill forms).
- ii) Payments shall be made according to the extent of work done as per measurements taken up to the end of the calendar month and in line with the terms of payments described in the Tender documents
- iii) Recoveries on account of electricity, water, statutory deductions, etc are made as per terms of contract
- iv) Full rates for the work done shall be allowed only if the quantum of work has been done as per the specifications stipulated in the contract. If the work is not executed as per the stipulated specifications, BHEL may ask the contractor to re done the work according to the required specifications, without any extra cost. However, where this is not considered necessary 'OR' where the part work is done due to factors like non-availability of material to be supplied by BHEL 'OR' non availability of fronts 'OR' non availability of drawings, fraction payment against full rate, as is considered reasonable, may be allowed with due regard for the work remaining to be done. BHEL decision in this regard will be final and binding on the contractor.

2.23.2 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

2.24 PERFORMANCE GUARANTEE FOR WORKMANSHIP

2.24.1 Even though the work will be carried out under the supervision of BHEL Engineers the Contractor

will be responsible for the quality of the workmanship and shall guarantee the work done for a period of twelve months from the date of commencement of guarantee period as defined in Special Conditions of Contract, for good workmanship and shall rectify free of cost all defects due to faulty erection detected during the guarantee period. In the event of the Contractor failing to repair the defective works within the time specified by the Engineer, BHEL may proceed to undertake the repairs of such defective works at the Contractor's risk and cost, without prejudice to any other rights and recover the same from the Guarantee money.

2.24.2 BHEL shall release the guarantee money subject to the following

- i) Contractor has submitted 'Final Bill'
- ii) Guarantee period as per contract has expired
- iii) Contractor has furnished 'No Claim Certificate' in specified format
- iv) BHEL Site Engineer/Construction Manager has furnished the 'No Demand Certificate' in specified format
- v) Contractor has carried out the works required to be carried out by him during the period of Guarantee and all expenses incurred by BHEL on carrying out such works is included for adjustment from the Guarantee money refundable.

2.25 CLOSING OF CONTRACTS

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.

2.26 REVERSE AUCTION:

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.

2.27 SUSPENSION OF BUSINESS DEALINGS

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.

2.28 OTHER ISSUES

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.

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.

2.28.3 Unless otherwise specified in NIT, offers from consortium/JVs shall not be considered.

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

GCC-1**BANK GUARANTEE FOR SECURITY DEPOSIT (PROFORMA)**

Guarantee no _____

In consideration of the Bharat Heavy Electricals Limited, having its registered office at BHEL House, Siri Fort, New Dehi – 110 049 the concerned division being Power Sector - **Western Region, located at 345, Kingsway, Nagpur – 440001. Maharastra** (hereinafter called BHEL) having agreed to exempt

(hereinafter called “**the said contractor(s)**”) from the demand, under terms and conditions of an agreement arising out of **Letter of Intent** Ref.No..... dated.....made between BHEL and..... (Name of the Contractor) for (**type of work**) hereinafter called “**the said LOI**” of Security Deposit for the due fulfillment by said contractors of the terms and conditions contained in the said LOI, or production of bank guarantee for Rs..... (Rupeesonly).

1. We(**hereinafter**
(indicate the name of Bank)

referred to as “the Bank”) at the request of the said Contractor, do hereby undertake to pay to BHEL an amount not exceeding Rs..... against any loss or damage caused to or suffered or would be caused to or suffered by BHEL, by reasons of any breach by the said contractor of any of the terms or conditions contained in the said LOI..

2. We do hereby
(Indicate the name of Bank)

undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from BHEL stating that the amount claimed is due by way of loss / damage caused to BHEL or suffered by BHEL by reason of breach by the said contractor of any of the terms and conditions contained in the said LOI or by reason of the said contractor's failure to perform the said LOI. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....

3. Weundertake to pay to BHEL any money so
(indicate the name of the bank)

demand not withstanding any dispute or disputes raised by the said contractor in any suit or proceeding pending before any Court or Tribunal relating thereto our liability under these presents being absolute and unequivocal. The payment so made by under this guarantee shall be valid discharge of our liability for payment there under and the said contractor shall have no claim against us for making such payment.

4. We.....further agree that the guarantee
(indicate of the name of Bank)

herein contained shall remain in full force and effect during the period that would be taken for the performance of the said LOI and that it shall continue to be enforceable till all the dues of BHEL under or by virtue of the terms and conditions of the said LOI have been fully paid and its claim satisfied or discharged or till BHEL certifies that the terms and conditions of the said LOI have been fully and properly carried out by the said contractor and accordingly discharge this guarantee, unless a demand or claim under this guarantee is made on us in writing on or before We shall be discharged from all liability under this guarantee thereafter.

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

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the said Contractor.

7. We (indicate the name of bank) lastly undertake not to revoke this guarantee during its currency except with the previous consent of BHEL in writing.

8. The Bank hereby declares that it has power to issue this Guarantee and the undersigned has full power to do so on behalf of the Bank.

9. The address of BHEL of services, correspondence in respect of matters relating to this guarantee shall be

ADDITIONAL GENERAL MANAGER (Purchase)
BHARAT HEAVY ELECTRICAL LIMITED
POWER SECTOR, WESTERN REGION
SRI MOHINI COMPLEX, 345 KINGSWAY
NAGPUR, 440001

Address of the Bank in full

Telephone No.

Fax No.

Dated theday of20.....

(Name of bank and place)

DESIGNATION OF THE AUTHORISED
PERSON SIGNING THE GUARANTEE

Bank Seal:

NOTE: Expiry date to be shown in para-4 above should not be earlier than 90 days after the completion date contemplated under the contract.

GCC-2

BHARAT HEAVY ELECTRICALS LIMITED*(A Government of India Undertaking)***Power Sector – Western Region****345, Kingsway****Nagpur – 440 001****CONTRACT AGREEMENT**

AGREEMENT NO. _____

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

SIGNATURE OF CONTRACTOR_____
(SIGNATURE OF BHEL OFFICER)

CONTRACT AGREEMENT

This Agreement made this day, the _____ between Bharat Heavy Electricals Limited, having its Registered Office at BHEL House, Siri Fort, New Delhi 110 049, (hereinafter called BHEL), through **BHEL, Power Sector, Western Region, Shreemohini Complex, 345, Kingsway, Nagpur-440 001**, of the First Part _____ (hereinafter called the "Contractor" or the Second Part).

- 2 WHEREAS the first party is desirous of executing the work of _____ more particularly described in the appendices including drawings and specifications attached herewith.
- 3 WHEREAS in pursuance of the said Contractor's tender having been accepted, the first party has decided to give the above said work to the Contractor.
- 4 WHEREAS the said Contractor has agreed to do the aforesaid work of the first party subject to the conditions herein contained in these presents, Instructions to Tenderer, General Conditions of Contract, Special Conditions, Annexures, Letter of Intent, and such other Instructions, Drawings, Specifications (hereinafter referred as the said Contract schedule) at the approved rates (hereinafter referred to as the said Contract Rates)
- 5 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
- 6 AND WHEREAS the said Contractor has agreed to furnish to BHEL, amount of Rs-----in the form of Cash/approved Securities towards 100% Security Deposit for the complete work in the manner specified in the Tender
- 7 AND WHEREAS the said Contractor hereby agrees to extend the validity of the said Bank Guarantee, for the extended period of contract periods as may be required by BHEL, and in the event of his failure to do so, the contractor shall pay forthwith or accept the recovery of this amount of Rs. _____ from the bills in one installment, and the Contractor further agrees that the 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 and first party reserves the right to take any legal action deemed fit and proper for recovery of the said sum of Rs. _____.
- 8 This amount of Rs. _____ will be refunded (and Bank Guarantee returned) to the contractor on satisfactory completion of the work as specified in the Contract documents.
- 9 Now these presents witness that in consideration of the said Contract schedule and said Contract Rates, as also of agreement of good and faithful service to be rendered and performed by the contractor in the execution of the said work subject to the stipulation hereinafter expressed.
- 10 That the said Contractor will perform the aforesaid work subject to the conditions contained in these presents, Instructions to the Tenderers, General Conditions of Contract, Special Conditions of Contract and the Contract documents attached herewith including the said schedule, Specifications, Appendices, Letter of Intent, drawings attached and also such other drawings and instructions as may from time to time be given by the first party.

- 11 And that the said Contractor shall be deemed to have carefully examined the specifications and Conditions of Contract, Appendices, Schedules, Letter of Award, Drawings etc. as aforesaid and also to have satisfied himself as to the nature and character of work to be executed.
- 12 That the said Contractor shall carryout and complete the execution of the said work to the entire satisfaction of the Engineer-In-charge within the agreed time schedule.
- 13 That the first party after proper scrutiny of the bills submitted by the said Contractor will pay to him during progress of the said work at said contract rates and agreed terms of payment, a sum as determined by the first party in respect of the work executed by the Contractor.
- 14 That the contract shall come into force with retrospective effect from the date on which Letter of Intent was issued by BHEL to the said Contractor.
- 15 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 conditions of the Contract as aforesaid.
- 16 That all charges on account of Octroi, terminal and Sales Tax or other duties on material obtained for the work shall be borne and paid by the said Contractor.
- 17 That it is hereby agreed between the parties that the non-exercise, forbearance or omission of any of the powers conferred on the authorities of the first party, will not in any manner constitute waiver of the conditions hereto contained in these presents, and the liability of the said Contractor with respect to compensation payable to BHEL, or the Contractor's obligation shall remain unaffected.
- 18 That the expression BHEL means the Bharat Heavy Electricals Limited, BHEL House, Siri Fort, New Delhi, through **BHEL, Power Sector-Western Region, "Shreemohini Complex", 345, Kingsway, Nagpur – 440 001.**

The documents hereto attached shall also form part of this agreement:-

- 1 _____
- 2 _____
- 3 _____ etc.

In WITNESS hereof, the parties have respectively set their signature in presence of:

WITNESS (with full address)

- 1.
- 2.

Signature of the Contractor
(To be signed by a person holding valid Power of Attorney of the Company)

WITNESS (with full address)

- 1.
- 2.

For and on behalf of
BHARAT HEAVY ELECTRICALS LTD

DATE_____

DECLARATION SHEET
(Refer Clause 1.19.8 of General Instructions to the Tenderer)

The Bidders are requested to furnish the following information while quoting, failing which their offer will be summarily rejected.

- | | |
|---|---|
| 1. Whether any relative(s) of Partner/Director /Owner is presently employed in BHEL?
If so, his connection with the Firm | : YES/ NO
(If yes, please give particulars) |
| 2. Whether any BHEL employee is Holding any share in Firm? | : YES/NO (If yes, please give particulars) |

Signature of the Tenderer

Note:

1. Attach separate sheet, if necessary.
2. If the BHEL Management comes to know, at a later date, that the information furnished by the Bidder is false, suitable action will be taken according to law against the contractor.

GCC-4**BANK GUARANTEE FOR INTEREST BEARING RECOVERABLE
ADVANCE (PROFORMA)**

Guarantee no _____

This deed of guarantee made this _____ day of _____ 20____ between **(NAME OF THE BANK AND ADDRESS)** hereinafter called 'THE GUARANTOR' (which expression shall unless repugnant to the context or meaning thereof be deemed to include its successor and assignee) of the one part and BHARAT HEAVY ELECTRICALS LIMITED (a Government of India Undertaking), having its registered office at **BHEL HOUSE, Siri Fort, New Delhi - 110 049 through its division at PSWR Sri Mohini Complex, 345 Kingsway Nagpur, 440001**, hereinafter called 'the company' (which expression shall unless repugnant to the context or meaning thereof be deemed to include its successor and assigns) of the other part:

Whereas **(NAME OF THE CONTRACTOR WITH ADDRESS)** (hereinafter called the contractor') has entered into a contract, arising out of letter of intent/work order/supply order number _____ (hereinafter called 'the contract') with 'the company' for **(NAME OF THE WORK OR DESCRIPTION OF SUPPLY)** and whereas the contract interalia provides that the company will pay to the contractor an advance of Rs _____ (Rupees _____ only) on certain terms and conditions specified therein subject to the contractor furnishing a bank guarantee for Rs _____ (Rupees _____ only) in favour of the company.

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 witnessed as follows:

01. 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 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 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 reason of the company not being able to recover in full the said sum of Rs _____ (Rupees _____ only).

02. 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 the loss or damage caused to suffered by the company by reason of the company not being able to recover in full the said sum of Rs _____ (Rupees _____ only) shall be final and binding on the guarantor, irrespective of the fact 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.

03. The company shall have 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 the advance or to extend time of performance by the contractor or to postpone for any time or from time to time any of the powers exercisable by it against the said contractor and either to enforce or to forbear from enforcing any of the terms and conditions governing the said contract or the advance or the 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 matter aforesaid or by reason of time being given to the contractor or any other forbearance, act or omission on the part of the company or any indulgence by the company to the said 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.

04. The guarantor further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the contract and till the said advance has been fully recovered and its claims satisfied or discharged and till the company certifies that the said advance has been fully recovered from the said contractor and accordingly discharges this guarantee subject, however, that the company shall have no claim under this guarantee after _____, unless a notice of the claim under the 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.

05. The guarantor undertake not to revoke guarantee during the period it is in force except with the previous consent of the company in writing, and agree that any liquidation or winding up or insolvency or any change in the constitution of the contractor or the guarantor, shall not discharge the guarantor's liability hereunder.

06. 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 proceeding are taken against the guarantor hereunder be outstanding on unrealised.

07. The guarantor hereby declares that it has power to execute this guarantee and the executant has the full powers to do so on its behalf under the power of attorney, dated _____, granted to him by the proper authorities of the guarantor.

08. The bank hereby agrees and undertake to renew from time to time this guarantee until all the dues of the company under or by virtue of the said agreement or the said advance have been fully paid and the company's all claims against the contractor have been fully satisfied or discharged.

09. Notwithstanding anything contained in the preceding paragraphs, the liabilities of the guarantor is restricted to a sum of Rs _____ (Rupees _____ only) and this guarantee remains in force upto _____. Unless a demand or claim under this guarantee is made in writing on guarantor within six months from the aforesaid date of expiry, ie on or

before _____, the guarantor shall be relieved and discharged from all liabilities under this guarantee thereafter and all the rights of the company shall stand forfeited thereafter.

10. All disputes or differences arising out of or in connection with the guarantee shall be subject to the exclusive jurisdiction of the courts within the local limits or whose jurisdiction of the company's office at Calcutta is situated.

In witness whereof the **(NAME OF THE BANK)** have hereunto set and subscribe their respective hands the day, month and year first above written.

(NAME AND SIGNATURE)

WITNESS

01

02.