

BHARAT HEAVY ELECTRICALS LIMITED
CORPORATE ADMINISTRATION
BHEL HOUSE, SIRI FORT, NEW DELHI - 110049
Tel:011-66337436



TENDER DOCUMENT

FOR

**WATERPROOFING WORK OF FRONT BLOCK TERRACE AT BHEL
HOUSE, SIRI FORT, NEW DELHI**

NIT No: AA: GAX:18: WP:001 Dated 31.05.2018

CONTENTS

- 1- Notice Inviting Open Tender
- 2- Techno-Commercial Bid – Part A
- 3- Price Bid - Part B


Prepared by:


Approved by:

LAST DATE FOR SUBMISSION: 07.06.2018 UP TO 14:30 Hrs.

(Signature & seal of the contractor)



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

Bharat Heavy Electricals Ltd.

Corporate Administration: BHEL House, Siri Fort,
New Delhi-110049 Tel: 011-66337436

NOTICE INVITING TENDER

NIT No: AA: GAX:18: WP:001 Dated 31.05.2018

Sealed tenders are invited from the experienced and financially sound contractors fulfilling Qualifying Criteria mentioned in Tender Document for the below mentioned work. Tender is invited in two bid system (One is techno-commercial bid & other is Price Bid) in different sealed envelopes, and both sealed envelopes properly marked "Techno commercial Bid" and "Price Bid" respectively should be placed inside a bigger envelope/cover & submitted on or before the specified date and time (mentioned below) at the address specified in the tender document. **Prices are not to be quoted in Techno-commercial bid. Prices are to be quoted only in Price bid submitted in a separate envelope.**

Sl. No.	Name of work	Estimated Value (In Rs.)	Earnest Money deposit (EMD) in Rs	Completion period	Tender cost in Rs.	Last date and time of submission of tender	Date and time of opening of Tender	Tender submission venue
1.	WATERPROOFING WORK OF FRONT BLOCK TERRACE AT BHEL HOUSE, SIRI FORT, NEW DELHI.	14,42,400/- (Excluding GST)	34000/-	45 Days	NIL	07.06.2018 Up to 14:30 Hrs.	07.06.2018 at 1500 Hrs.	Tender Box at GF Rear Block Entrance Lobby, BHEL House, Siri Fort, New Delhi-110049

- For detail, refer tender documents
- Tender documents can be downloaded from BHEL web site (www.bhel.com) or from CPP portal (<http://eprocure.gov.in>) All subsequent corrigendum/amendment shall be published only on website and not in press. Hence, bidders are advised to always be in touch with our said website until the tender is finally opened.
- Late Tenders are liable for rejection.
- The amount of EMD may be deposited only in the form of Banker's Cheque/Pay Order/Demand Draft in favour of BHEL, payable at New Delhi, and must be submitted in a separate envelope and this envelope to be kept in the envelope containing "Techno-commercial Bid". Electronic Fund Transfer credited in BHEL account may also be accepted before tender opening. Cash Deposit may be accepted as permissible under the extant Income Tax Act (before Tender opening). Tender not accompanied with EMD or submitted in any forms other than mentioned above will be summarily rejected.
- BHEL reserves the right to accept or reject any of the bid / all the bids or cancel or withdraw the invitation of tender without assigning any reason whatsoever and in such case no bidder / intending bidder shall have any claim arising out of such action by BHEL.
- For penalty for delay refer tender documents.
- In case of any clarification the bidder can contact undersigned on Telephone No.-011-66337436 or at e-mail: habib@bhel.in.

(Habibul Rehman)
Manager/HR-GAX

(Signature & seal of the contractor)

**WATERPROOFING WORK OF FRONT BLOCK TERRACE AT
BHEL HOUSE, SIRI FORT, NEW DELHI**

VOLUME-I

**GENERAL CONDITIONS OF CONTRACT
(GCC)**

Corporate Administration

BHARAT HEAVY ELECTRICALS LTD.

AGVC, Siri Fort, New Delhi-110 049

(Signature & seal of the contractor)

NIT NO. AA: GAX:18: WP:001 Dated 31.05.2018

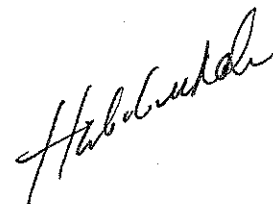


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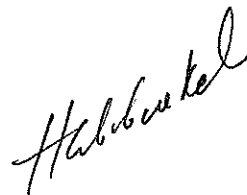
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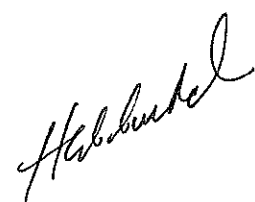
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CHAPTER -1

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) Tenderer's request for clarifications shall be with reference to Sections and Clause numbers given in the tender documents. The specifications and terms and conditions shall be deemed to have been accepted by the tenderer in his offer. Non-compliance with any of the requirements and instructions of the tender enquiry may result in the rejection of the tender.
- iii) Integrity pact (IP) shall be applicable for all tenders / contracts if indicated in NIT. This integrity pact shall be issued as part of the Tender documents and shall be returned by the bidder along with Techno-commercial bid duly filled, signed and stamped by the authorized signatory who signs the bid. Only those vendors / bidders who have entered into such an IP with BHEL shall be considered qualified to participate in the bidding. Entering into this pact shall be a preliminary qualification.

1.2. SUBMISSION OF TENDERS

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

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- 1.2.3 Tenders shall be opened by authorized 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 authorized representatives who may be present.
- 1.2.4 The Tenderers are required to quote for the complete scope of work as mentioned in tender enquiry and BOQ. Tenders for part of the work or incomplete work in any respect are liable to be rejected. Tenderers shall certify in the Techno- commercial bid that rates for all the items have been quoted.
- 1.2.5 Tenderers whose bids are found techno commercially qualified shall be informed the date and time of opening of the Price Bids / Reverse auction and such Tenderers may depute their representatives to witness the opening of the price bids. BHEL's decision in this regard shall be final and binding.
- 1.2.6 Before submission of Offer, the tenderers are advised to inspect the site of work and the environments and be well acquainted with the actual working and other prevalent conditions, facilities available, position of material and labour, means of transport and access to Site, accommodation, etc. No claim will be entertained later on the grounds of lack of knowledge of any of these conditions.

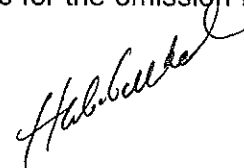
1.3. LANGUAGE

- 1.3.1 The tenderer shall quote the rates in English language and international numerals. These rates shall be entered in figures as well as in words. For the purpose of the tenders, the metric system of units shall be used.
- 1.3.2 All entries in the tender shall either be typed or written legibly in ink. Erasing and over-writing is not permitted and may render such tenders liable for rejection. All cancellations and insertions shall be duly attested by the tenderer.

1.4. PRICE DISCREPANCY

- 1.4.1 **Conventional (Manual) Price Bid opening:** In the case of price bid opening without resorting to Reverse Auction, if there are differences between the rates given by the tenderer in words and figures or in amount worked out by him, the following procedure for evaluation and award shall be followed:
- i) When there is a difference between the rates in figures and in words, the rates which corresponds to the amounts worked out by the contractor, shall be taken as correct.
 - ii) When the amount of an item is not worked out by the contractor or it does not correspond with the rate written either in figure or in words, then the rate quoted by the contractor in words shall be taken as correct.
 - iii) When the rate quoted by the contractor in figures and words tallies but the amount is not worked out correctly, the rate quoted by the contractor shall be taken as correct and not the amount.
 - iv) In case of lump sum price, if there is any difference between the amount in figures and in words, the amount quoted by the bidder in words shall be taken as correct.
 - v) In case of omission in quoting any rate for one or more items, the evaluation shall be done considering the highest quoted rate obtained against the respective items by other tenderers for the subject tender. If the tenderer becomes L-1, the notional rates for the omission items

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shall be the lowest rates quoted for the respective items by the other tenderers against the respective omission items for the subject job and the 'Total quoted price (loaded for omissions)' shall be arrived at. However, the overall price remaining the same as quoted originally, the rates for all the items in the 'Total quoted price (loaded for omissions)' shall be reduced item wise in proportion to the ratio of 'Original' total price and the 'Total quoted price (loaded for omissions)'".

- vi) The 'Final Total Amount' shall be arrived at after considering the amounts worked out in line with 'i' to 'v' above.

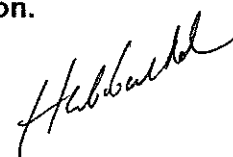
1.4.2 **Reverse Auction:** In case of Reverse Auction, the successful bidder shall undertake to execute the work as per overall price offered by him during the Reverse Auction process. In case of omission of rates, the procedure shall be as per 'Guidelines for Reverse Auction' enclosed.

1.5. QUALIFICATION OF TENDERERS

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

1.6. EVALUATION OF BIDS

- i) Technical Bids submitted by the tenderer will be opened first and evaluated for fulfilling the Pre-Qualification criteria and other conditions in NIT/Tender documents, based on documentary evidences submitted along with the offer.
- ii) In case the same qualifying experience is claimed by more than one agency, then the agency who has executed the work as per documentary evidence submitted shall only be qualified. Scope of qualifying work should be totally with the agency who has executed. 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. **Evaluation of the Tenderers will be done on overall quote basis for the complete work and entire job will be awarded to the successful tenderer.**
- v) **Work order will be placed on lowest bidder for the complete scope of work for which the bidder has qualified in the Techno-commercial Bid and subsequently has emerged as lowest bidder in the evaluation of price bid / Reverse auction.**



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- vi) Price Bids of unqualified bidders shall not be opened. Reasons for rejection shall be intimated in due course after issue of LOI/LOA to successful bidder and receipt of unqualified acceptance from the successful bidder.
- vii) Bidders are advised to also refer to clause no 2.9.4 regarding evaluation of their performance in ongoing projects for the current tender.

1.7. **DATA TO BE ENCLOSED**

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

- i) **INCOME TAX PERMANENT ACCOUNT NUMBER**
Certified copies of Permanent Account Numbers as allotted by Income Tax Department for the Company/Firm/Individual Partners, etc. shall be furnished along with tender.
- ii) **ORGANIZATION CHART**
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.

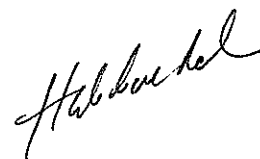
1.8 **AUTHORISATION AND ATTESTATION**

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. Tender submitted without EMD shall be summarily rejected.
 - i) EMD shall be furnished before tender opening / along with the offer in full as per the amount indicated in the Special Conditions of Contract / NIT.

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- ii) The EMD is to be paid in the following forms:
- (a) Cash deposit as permissible under the extant Income Tax Act (before tender opening).
 - (b) Electronic Fund Transfer credited in BHEL account (before tender opening).
 - (c) Banker's cheque / Pay order / Demand draft, in favour of 'Bharat Heavy Electricals Limited' and payable at New Delhi (along with offer).

In case total EMD amount is more than INR 20 Lakh, the amount in excess of INR 20.0 lakh may be accepted in the form of Bank Guarantee from scheduled bank. The Bank Guarantee in such cases shall be valid for at least six months. The prescribed format for BG for EMD is enclosed with this tender document.

- iii) No other form of EMD remittance shall be acceptable to BHEL.

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

- i) After opening the tender and within the offer validity period, the tenderer revokes his tender or makes any modification in his tender which is not acceptable to BHEL.
- ii) The Contractor fails to deposit the required Security deposit or commence the work within the period as per LOI/ LOA/ Contract.

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

1.9.3 EMD shall not carry any interest.

1.9.4 EMD given by all unsuccessful tenderers shall be refunded normally within fifteen days of award of work.

1.9.5 EMD of successful tenderer will be retained as part of Security Deposit.

1.10 SECURITY DEPOSIT

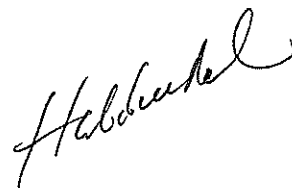
1.10.1 Upon acceptance of Tender, the successful Tenderer should deposit the required amount of Security Deposit towards fulfilment of any obligations in terms of the provisions of the contract. The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit.

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

1.10.3 The balance amount to make up the required Security Deposit of 5% of the contract value may be accepted in the following forms.

- i) Cash (as permissible under the extant Income Tax Act).

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- ii) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL.
- iii) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL).
- iv) 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.
- v) Fixed Deposit Receipt issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL).
- vi) Security deposit can also be recovered at the rate of 10% of the gross amount progressively from each of the running bills of the contractor till the total amount of the required security deposit is collected. However, in such cases at least 50% of the required Security Deposit, including the EMD, should be deposited in any form as prescribed before start of the work and the balance 50% may be recovered from the running bills as described above.
Note: 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.

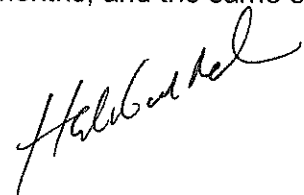
1.10.4 The Security Deposit shall not carry any interest.

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 up to 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 Project 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) The recoveries made from running bills (cash deduction towards balance SD amount) can be released against submission of equivalent Bank Guarantee in acceptable form, but only once, before completion of work, with the approval of BHEL.

1.10.6 The validity of Bank Guarantees towards Security Deposit shall be initially up to the completion period as stipulated in the Letter of Intent/ Award + 3 months, and the same shall

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be kept valid by proper renewal till completion of maintenance period which necessarily required certification of BHEL.

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

1.11 RETURN OF SECURITY DEPOSIT

Security Deposit shall be refunded/ Bank Guarantee(s) released to the Contractor only after **successful completion of Guarantee/ Warranty period as mentioned in the contract.**

1.12 BANK GUARANTEE

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 Project 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 Project 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 **THREE MONTHS** from latest due date of offer submission (including extension, if any). In case BHEL (Bharat Heavy Electricals Ltd) calls for negotiations, such negotiations shall not amount to cancellation or withdrawal of the original offer which shall be binding on the tenderers.

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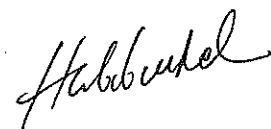


1.14 EXECUTION OF CONTRACT AGREEMENT

The successful tenderer's responsibility under this contract commences from the date of issue of the Letter of Intent/ Award 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.

1.15 REJECTION OF TENDER AND OTHER CONDITIONS

- 1.15.1 The acceptance of tender will rest with BHEL which does not bind itself to accept the lowest tender or any tender and reserves to itself full rights for the following without assigning any reasons whatsoever: -
- a. To reject any or all of the tenders.
 - b. To split up the work amongst two or more tenderers as per NIT
 - c. To award the work in part if specified in NIT
 - d. In case of either of the contingencies stated in (b) and (c) above, the time for completion as stipulated in the tender shall be applicable.
- 1.15.2 Conditional tenders, unsolicited tenders, tenders which are incomplete or not in the form 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/ any PSU/ Government Department / Financial Institutions / Court, or tenderer under suspension (hold/banning /delisted) by any unit / region / division of BHEL or any PSU/ Government Department /Financial Institutions /Court or tenderers who do not comply with the latest guidelines of Ministry/Commissions of Govt. of India. 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 In case the Proprietor, Partner or Director of the Company/Firm submitting the Tender, has any relative or relation employed in BHEL, the authority inviting the Tender shall be informed of the fact as per specified format, along with the Offer. Failing to do so, BHEL may, at its sole discretion, reject the tender or cancel the contract and forfeit the Earnest Money/Security Deposit.



(Signature & seal of the contractor)

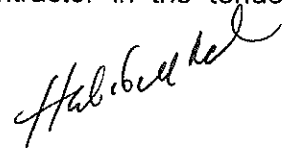
- 1.15.9 The successful tenderer should not sub-contract part or complete work detailed in the tender specification undertaken by him without written permission of BHEL's Project Manager. The tenderer is solely responsible to BHEL for the work awarded to him.
- 1.15.10 The Tender submitted by a techno 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 discount received after the due date and time of Bid Submission shall not be considered for evaluation. However, if the party who has submitted the unsolicited discount/rebate before opening of tender becomes the L-1 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 BHEL Unit/Office.
- 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) "PROJECT MANAGER" 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 Engineers at Site or at the Headquarters of the respective BHEL Unit/Office.
- 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) "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.
- vii) "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/Award/Acceptance issued by BHEL. Any conditions or terms stipulated by the contractor in the tender

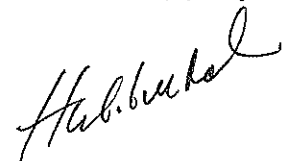
(Signature & seal of the contractor)



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.

- viii) "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.
- ix) "TENDER SPECIFICATION" or "TENDER" or "TENDER DOCUMENTS" shall mean General Conditions, Common Conditions, Special Conditions, Price Bid, Rate Schedule, Technical Specifications, Appendices, Annexures, Corrigendums, Amendments, Forms, procedures, Site information, etc and drawings/documents pertaining to the work for which the tenderers are required to submit their offers. Individual specification number will be assigned to each Tender Specification.
- x) "LETTER OF INTENT/ AWARD" 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.
- xi) "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 Project Manager, being of required standard and conforming to the specifications of the Contract.
- xii) "PLANT" shall mean and connote the entire assembly of the plant and equipments covered by the contract.
- xiii) "EQUIPMENT" shall mean equipment, machineries, materials, structural, electricals and other components of the plant covered by the contract.
- xiv) "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.
- xv) "APPROVED", "DIRECTED" or "INSTRUCTED" shall mean approved, directed or instructed by BHEL.
- xvi) "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.
- xvii) "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.
- xviii) "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.
- xix) "MONTH" shall mean calendar month unless otherwise specified in the Tender.
- xx) 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.

(Signature & seal of the contractor)



- xxi) "COMMISSIONING" shall mean the synchronization 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.
- xxii) "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.
- xxiii) "TEMPORARY WORK" shall mean all temporary works for every kind required in or for the execution, completion, maintenance of the work.
- xxiv) '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
- xxv) "COMMENCEMENT DATE" or "START DATE" shall mean the commencement/start of work at Site as per terms defined in the Tender
- xxvi) "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
- xxvii) "TERMINATION" of Contract shall mean the pre mature closing of contract due to reasons as mentioned in the contract
- xxviii) "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
- xxix) "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 Court having original Civil Jurisdiction at Delhi shall alone have exclusive jurisdiction in regard to all matters in respect of the Contract.

2.3 ISSUE OF NOTICE

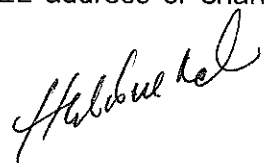
2.3.1 Service of notice on contractor

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 Service of notice on BHEL

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

(Signature & seal of the contractor)



2.4 USE OF LAND

No land belonging to BHEL 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/Award 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/ LOA 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.

2.5.4 **The bidder has to mobilize all resources and commence the work immediately from the date of award of work / LOI or handing over of vacant site whichever is later with due expedition without delay.** The responsibility of contractor under this Contract commences from the date of issue of the Letter of Intent. The contractor shall submit a detailed implementation/execution schedule using MS Project/ Prima Vera software in hard & soft copy, immediately from the date of award of work considering the overall project completion schedule for approval of BHEL. On non-submission of detailed execution schedule the contractor may not be allowed to start the work and delay to this account shall be attributable to the contractor only. This schedule shall be approved by BHEL and the same will form the basis for monitoring the progress of work.

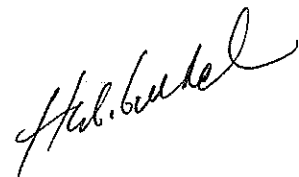
2.6 MEASUREMENT OF WORK AND MODE OF PAYMENT:

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 actual execution of work based on relevant documents and drawings approved 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 eligible for payment under various groups shall be decided by BHEL Engineer. The abstract of quantities 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.



(Signature & seal of the contractor)

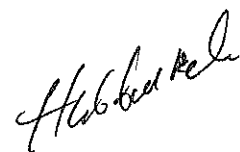
- 2.6.5** All recoveries due from the contractor for the month/period shall be effected in full from the corresponding running bills unless specific approval from the competent authorities is obtained to the contrary.
- 2.6.6** Measurement shall be restricted to that portion of work for which it is required 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 Project Manager 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.
- 2.6.12** The contractor shall give notice/ reasonable time in writing to BHEL or its authorized representative for measurement.

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 or in case BHEL decides to advance the date of completion due to other emergent reasons.
- 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

(Signature & seal of the contractor)



- 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 fulfilment 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 on the differential cost at 15% over and above the Liquidated damages/penalties arising out of "Risk & Cost" as explained above under sl. no. 2.7.2. BHEL shall recover the amount from any money due from Contractor, or from any money due to the Contractor including Security Deposit, or by forfeiting any T&P or material of the contractor under this contract or any other contract of BHEL or by any other means or any combination thereof.

2.7.4 To terminate the contract or to restrict the quantum of work and pay for the portion of work executed in case BHEL's has to abandon the project due to any order of any Statutory Authority.

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 along with interest as defined elsewhere in the GCC.

2.7.6 While every endeavor 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. 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 on its own or contractor's request at its discretion may consider to short close the contract in following cases:

- a) The balance works are minor vis a vis the scope of work envisaged as per the contract.
- b) There has been no significant work in past 6 months OR no significant work is expected in next 6 months.
- c) The balance works cannot be done within a reasonable period of time for reasons not attributable to the contractor.
- d) Work does not start within six months of LOI/ LOA date.

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

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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.

2.7.9 PENALTY FOR DELAY

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 Penalty / Liquidated Damage (LD) at the rate of 1% 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. The LD shall be applicable on contractual value or executed value of works whichever is more. Further in case of LD recovery, the applicable GST shall also be recoverable.

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, Notifications, 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, Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996, The Building and Other Construction Workers' Welfare Cess Act, 1996 and other Acts, Rules, and Regulations for labour/workers as applicable and as may be enacted by the State Government and Central Govt. during the tenure of the Contract and having force or jurisdiction at Site. The Contractor shall also comply with provisions of and give all such notices to the local Governing Body, Police and other relevant Authorities 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 for engaging contract labour as required from the concerned Authorities based on the certificate (Form- V) issued by the Principal Employer.
- 2.8.5** The contractor shall pay and bear all taxes, fees, license charges, Cess, duties, deposits, 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 statutory authority, 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.

(Signature & seal of the contractor)



- 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/equipment/components of BHEL loaned with or without deposit to the contractor in connection with the contract shall remain properties of BHEL.
- 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. In case of non-return, loss, damage, repairs etc, the cost thereof as may be fixed by BHEL Project Manager will be recovered from the contractor
- 2.8.13** 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.
- 2.8.14** The contractor shall arrange, coordinate his work in such a manner as to cause no hindrance to other agencies working in the same premises.
- 2.8.15** All safety rules and codes applied by the 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 Project Manager 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. The contractor has to assist in HSE audit by BHEL and submit compliance Report. The contractor has to generate and submit record/reports as per HSE plan/activities as per instruction of BHEL.
- 2.8.16** 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 along with each RAB and whenever as asked by BHEL.

(Signature & seal of the contractor)



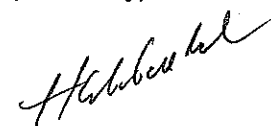
Contractor shall create awareness amongst their workforce by helping & encouraging in opening bank accounts and to encourage them to adopt digital mode of transactions. While releasing wages/ salary to their workers/ supervisors/ staff, Contractor shall comply with the GOI's guidelines for maximizing such transactions through Non-Cash / digital means.

- 2.8.17** 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 Project Manager.
- 2.8.18** 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.
- 2.8.19** 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 whichever is earlier.
- 2.8.20** The contractor shall not stop the work or abandon the site for whatsoever reason of dispute, except 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 delay on this account shall solely be attributable to the contractor.
- 2.8.21** 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 Project Manager. 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 Project Manager and the expenses recovered from the contractor.
- 2.8.22** 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 Project Manager.
- 2.8.23** 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 detailed plan / programme for completion of the contractual scope of work as per the time schedule given in the contract shall be jointly agreed between BHEL and Contractor, before commencement of work (Clause No. 2.5.4 of GCC may be referred). The above programme shall be supported by month wise deployment of resources viz Manpower, T&P, Consumables, etc. **The detailed plan/ program for completion of the contractual scope of work shall require to be furnished by the contractor within 7 days from the date of LOA/LOI/ Handing over of vacant site whichever is later for approval of BHEL.** 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

(Signature & seal of the contractor)



reports/information including manpower, consumables, T&P mobilization etc as desired by BHEL.

- 2.9.2** Monthly progress review between BHEL and Contractor shall be based on the agreed programme as above, availability of inputs/fronts etc, and constraints if any, as per prescribed formats. Manpower, T&P and consumable reports as per prescribed formats shall be submitted by contractor every month. Release of RA Bills shall be contingent upon certification by BHEL Site Engineer of the availability of the above prescribed formats duly filled in and signed.
- 2.9.3** 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. For recording all sort of hindrances in project execution, a **hindrance register** should be maintained at site and to be jointly signed by BHEL as well as contractor whenever such recording is done.
- 2.9.4** Performance of the Contractor shall be assessed as per prescribed formats and shall form the basis for 'Annual/Overall Performance Evaluation' of the Contractor and also for 'Assessment of Capacity of Bidder' for Tenders where the Contractor is a bidder. BHEL reserves the right to revise the evaluation formats during the course of execution of the works

2.10 TIME OF COMPLETION

- 2.10.1** The work completion period will be **45 days** from the date of placement of order. Entire work has to be completed within the contract period.
- 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.
- 2.11.2** Based on the monthly reviews jointly signed, the works balance at the end of original contract period less the backlog attributable to the contractor shall be quantified, and the number of months of 'Time extension' required for completion of the same shall be jointly worked out. Within this period of 'Time extension', the contractor is bound to complete the portion of backlog attributable to the contractor. Any further 'Time extension' or 'Time extensions' at the end of the previous extension shall be worked out similarly.
- 2.11.3** However, if any 'Time extension' is granted to the contractor to facilitate continuation of work and completion of contract, due to backlog attributable to the contractor alone, then it shall be without prejudice to the rights of BHEL to impose penalty/LD for the delays attributable to the contractor, in addition to any other actions BHEL may wish to take at the risk and cost of contractor.
- 2.11.4** A joint programme shall be drawn for the balance amount of work to be completed during the period of 'Time Extension', along with matching resources (with weightages) to be deployed by the contractor as per specified format. Review of the programme and record of shortfall shall be done every month of the 'Time extension' period in the same manner as is done for the regular contract period.

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2.11.5 During the period of 'Time extension', contractor shall maintain their resources as per mutually agreed program and will not stop the work. Any delay due to stoppage of work shall be attributable to the contractor.

2.11.6 At the end of total work completion as certified by BHEL Project Manager, and upon analysis of the total delay, the portion of time extensions attributable to (i) Contractor, (ii) Force majeure conditions, and (iii) BHEL, shall be worked out and shall be considered to be exhausted in the same order. The total period of time extensions shall be the sum of (i), (ii) and (iii) above and shall be equal to period between the scheduled date of completion and the actual date of completion of contract. LD shall be imposed/levied for the portion of time extensions attributable to contractor and recoverable from the dues payable to the contractor.

2.12 QUANTITY VARIATION

2.12.1 The quantities given in the contract are tentative and may change to any extent (both in plus side and minus side) limited to $\pm 15\%$ of awarded value. The quoted rates for individual items 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 Minus (-) 15% of awarded contract value.

2.12.2 Compensation due to variation of final executed value in excess of the limits defined in clause above, shall be as follows:

- i) In case the finally executed contract value reduces below the lower limit of awarded Contract Value due to quantity variation specified above, the contractor will be eligible for compensation @ 15% of the difference between the lower limit of the awarded contract value and the actual executed contract value.
- ii) In case the finally executed contract value increases above the awarded Contract Value due to quantity variation, there will be no upward revision in the rates for the individual items and also contractor is not eligible for any compensation.

2.13 PRICE VARIATION COMPENSATION, BONUS & OVER RUN COMPENSATION

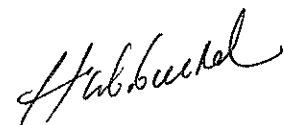
The price quoted shall remain firm during the contract period including any extension of the original contract period and no price variation compensation (PVC) shall be paid by BHEL for whatsoever reason. Early completion of work is acceptable by BHEL. However, no reward/bonus shall be admissible. While every endeavor shall be made by the BHEL, it cannot guarantee uninterrupted work due to condition beyond its control. The contractor will not be entitled to any compensation/extra payment / over run compensation (ORC) on this account.

2.14 INSURANCE

2.14.1 It is the sole responsibility of the contractor to insure his materials, equipment, 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 BHEL in the area of project which are in force from time to time will have to be followed by the contractor.

2.14.2 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

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contractor shall have to pay necessary compensation and other expense, if so decided by the appropriate authorities.

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

2.15 **FORCE MAJEURE**

2.15.1 "Force Majeure" shall mean any event beyond the reasonable control of the parties including but not limited to fire, flood, earthquake or other acts of God, war, riots, civil war and restraints of Governing States, as the case may be, and which is unavoidable notwithstanding the reasonable care of the party affected. The following events are explicitly excluded from Force Majeure and are solely the responsibilities of the non-performing party: a) any strike, work-to-rule action, go-slow or similar labour difficulty (b) late delivery of equipment or material (unless caused by Force Majeure event) and (c) economic hardship.

2.15.2 If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances thereof within 15 (fifteen) days after the occurrence of such event.

2.15.3 The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed. The Time for Completion shall be extended by a period of time equal to period of delay caused due to such Force Majeure event.

2.15.4 Delay or non-performance by either party hereto caused by the occurrence of any event of Force Majeure shall not

- Constitute a default or breach of the Contract.
- Give rise to any claim for damages or additional cost or expense occasioned thereby, if and

to the extent that such delay or non-performance is caused by the occurrence of an event of Force Majeure.

2.16 **ARBITRATION**

2.16.1 Except as provided elsewhere in this Contract, in case amicable settlement is not reached between the Parties, in respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract, then, either Party may, by a notice in writing to the other Party refer such dispute or difference to the sole arbitration of an arbitrator appointed by the competent authority of BHEL.



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

2.16.2 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 by either Party for arbitration to the sole arbitrator 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. The cost of arbitration shall be borne equally by the Parties.

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

2.17 RETENTION AMOUNT

Retention amount shall be 5% of executed contract value and shall be recovered at the rate of 5% from each running bill admitted. Refund of Retention Amount shall be as follows: -

1. 100% of retention amount along with the final bill.

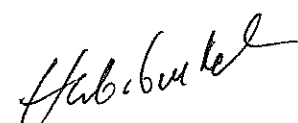
2.18 PAYMENTS

- a) Monthly running bills will be paid against actual execution of work and submission of the bills by the contractor. Payment of each running bill will be limited to 95% and balance 5% of each running bill amount will be retained by BHEL as retention amount. The running bill of the contractor will be processed within two weeks & will be paid within 30 days from the date of submission of the bill/s complete in all respects and completion of all formalities in time. No interest shall be payable on any amount due to the contractor including EMD & SD. Payments to Contractors are made in any one of the following forms

2.18.1 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 do 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 fronts 'OR' non availability of drawings, fraction payment against full rate,

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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.

- v) In order to facilitate part payment, Project Manager at his discretion may further split the contracted rates/percentages to suit site conditions, cash flow requirements according to the progress of work
- vi) Following documents are required to be submitted by the contractor for payments:

(i) Invoice – original+3 copies ii) Running Account Bill (RAB) signed by Contractor. Original + 3 copies iii) GST paid challan for Previous RAB: 4 Copies iv) ESI/ EPF/ Proof of Wages Paid (as applicable): 4 Copies v) Bank Guarantee (for Security Deposit), if opted by contractor: Original + 3 Copies, along with Measurement Book (MB) jointly signed by BHEL Engineer and Contractor.

2.18.2 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, 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.

2.19 GUARANTEE / WARRANTY FOR EXECUTED WORK

2.19.1 Even though the work will be carried out under the supervision of Project Manager, the Contractor will be responsible for the quality of the workmanship. The defect liability period for the work executed shall be Five (5) years. In others words, the work carried out in the contract shall be guaranteed / warranted against any inferior quality/ workmanship for a period of Five (5) years from the actual date of completion of the contract. The full Security Deposit (SD) amount shall be retained for the guarantee / warranty period and it shall be released after satisfactory completion of guarantee / warranty period. During the guarantee / warranty period, if the complaint is reported in the work carried out, the contractor shall deploy his resources in the time frame given by the department and carry out the repair / rectification work immediately. However, if the complaint pertaining to a terrace / roof is reported more than twice i.e. two rainy season during the guarantee / warranty period, full Security deposit (SD) shall be forfeited.

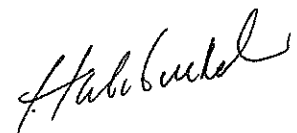
2.19.2 BHEL shall release the guarantee money subject to the following

- 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 Project 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.
- vi) Subject to fulfilment of Clause 2.19.1.

2.20 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.

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Upon closing of Contract, BHEL shall issue a completion certificate as per standard format, based on specific request of Contractor.

2.21 REVERSE AUCTION

(a) 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. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

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

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

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

(e) If reverse auction process is unsuccessful, sealed envelope price bids of all the techno-commercially qualified bidders shall be opened and the tender shall be processed accordingly. However, the envelope sealed bid(s) of techno-commercially acceptable bidder(s) who had agreed to participate in the RA and had failed to submit the online sealed bid shall not be opened.

2.22 STRIKES & LOCKOUT

2.22.1 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.

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

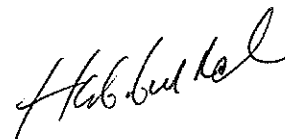
2.23 OTHER ISSUES

2.23.1 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.

2.23.2 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.

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

(Signature & seal of the contractor)



**WATERPROOFING WORK OF FRONT BLOCK TERRACE AT
BHEL HOUSE, SIRI FORT, NEW DELHI**

VOLUME-II

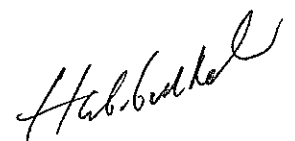
**SPECIAL CONDITIONS OF CONTRACT
(SCC)**

Corporate Administration

BHARAT HEAVY ELECTRICALS LTD.

AGVC, Siri Fort, New Delhi-110 049

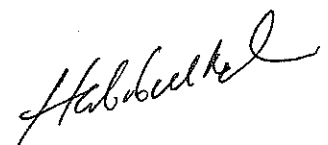
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A. INSTRUCTIONS FOR THE BIDDERS:

1. The offer shall be submitted as per the instructions of tender document. Only one set of tender document duly signed & stamped on each page shall be submitted as detailed further. Tenderer should note specifically that all pages of tender document, including the NIT page for this particular tender shall be submitted by them (after signing/ stamping on each page) as a part of their offer. Price shall not be mentioned by them anywhere in the techno-commercial portion of offer, except in the relevant price bid and submitted in separate sealed envelope. In case of any clarification, bidder may contact this office.
2. Tender documents are also available on BHEL web site (www.bhel.com) & on CPP Portal (<http://eprocure.gov.in/cppp/>) which can be downloaded and used as tender document for submitting the bid.
3. All documents submitted by the Tenderer in his tender may be accompanied with a covering letter giving index interlinking all the documents.
4. No overwriting / correction in tender documents by tenderer shall be allowed. However, if correction is unavoidable, the same must be signed.
5. Tender must be submitted in two parts, i.e., (i) Techno-Commercial Bid along with un-price bid (Annexure-E-1) and (ii) Price Bid. The tenderer must submit their tenders in three separate sealed envelopes prominently super scribed as 'EMD Deposit', Part – A 'Techno- commercial bid' and Part-B 'Price Bid' along with NIT No. & due date written on each of the envelope. These three separate envelopes shall together be kept in fourth envelope super scribed with name of Work, NIT No. & due date of opening.
6. Techno-commercial bid should contain all the documents in proof of Pre- qualifying criteria, signed tender document having NIT page, Instructions for tenderer, general conditions, Special Conditions, Contractor's Obligations, un-price bid, all the annexure duly filled & signed by the tenderer and the envelope containing EMD.
7. Bid without requisite Earnest Money (EMD) will be summarily rejected.
8. The tenderer shall submit the Bank details along with a cancelled cheque for payment through NEFT/RTGS.
9. Price Bid should contain only the "Part-B, Price Bid Format" after quoting the rates/percentages/amount as specified in the Price bid format.
10. On the date of opening of tender, only Techno-Commercial Bid shall alone be opened.

(Signature & seal of the contractor)



11. BHEL reserves the right to accept or reject any or all offers without assigning any reason thereof. Also, BHEL shall not entertain any correspondence from bidders in this matter (except for the refund of EMD).
12. In case any typing error/other clerical errors is noticed by the tenderer, in the tender documents, the same must be pointed out and got clarified before submission of offer, or else, BHEL's interpretation shall prevail & shall be binding on the tenderer.
13. The Tenderer should accept all terms & conditions of the tender unconditionally. Tenders with deviations from terms and conditions are likely to be rejected.
14. Tenderers are requested to go through the scope of work, visit the site/location etc. and get fully acquainted with the work place and prevailing working conditions to get all their doubts clarified regarding the above work before submitting the offer. Engineer-in-charge's decision will be full and final. Any queries regarding this tender may be clarified from Manger/ (HR-GAX), on Telephone No.-011-66337436 or at e-mail: habib@bhel.in.
15. The tenderers or their representative may attend the opening of techno-commercial bid (Part-A) and the technically qualified tenderers or their representative may attend the opening of Price bid (Part B), if they so desire. The tenders (both the parts) shall be opened on schedule date & time even if the bidders or their representative are not present.

B. PRE QUALIFYING CRITERIA:

- 1) **EMD of Rs. 34000.00 (Rupees Thirty-Four Thousand only)** only in the form of Banker's Cheque/Pay Order/Demand Draft in favour of BHEL, payable at New Delhi, must be submitted in a separate envelope and this envelope to be kept in the envelope containing "Techno-commercial Bid". Electronic Fund Transfer credited in BHEL account may also be accepted before tender opening. Cash Deposit may be accepted as permissible under the extant Income Tax Act (before Tender opening). Tender not accompanied with EMD or submitted in any forms other than mentioned above will be summarily rejected.
- 2) The bidder should have **PAN No. & GSTIN Registration No.**
- 3) The bidder's average annual financial turnover during the last three financial years ending 31.03.2017 should be at least **Rs 5.11 lakhs.**
- 4) The experience of having successfully completed similar Works (**Similar work shall mean execution of Water proofing works on roof / terrace or any Civil works which necessarily included water proofing works on roof / terrace**) for any Central Govt. / State Govt./ PSUs/ Public Limited Company/ Private Limited Company during last 7 years ending on **30.04.2018** should be either of the following: -
 - a) Three similar completed jobs/ services costing not less than **Rs. 6.81 Lakhs** each.
Or
 - b) Two similar completed jobs/ services costing not less than **Rs. 8.51 Lakhs** each.
Or
 - c) One similar completed jobs/ services costing not less than **Rs. 13.62 Lakhs.**

DOCUMENTS REQUIRED IN SUPPORT OF PRE-QUALIFYING REQUIREMENT:

(Signature & seal of the contractor)

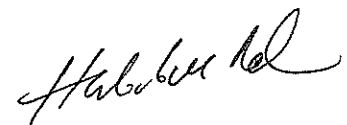


- a) **Complete tender document in all respects duly signed & stamped on each and every page as a token of acceptance of all the terms and conditions of tender.**
- b) Self-attested copies of Balance Sheet and Profits & Loss Account statements of last three financial years i.e. FY 2014-15, 2015-16 & 2016-17 duly verified by CA.
- c) Self-attested copies of acknowledgements of IT return of last three financial years i.e. FY 2014-15, 2015-16 & 2016-17.
- d) Self-attested copies of Work Orders/ Award letters along with certificates of completion and any other document(s) which may be required for establishing the claim of the contractor in support of proof of requisite experience for the similar Works. BHEL reserves the right to cross check the documents from the issuing department/ company.
- e) Self-attested copies of the **PAN No. & GSTIN Registration No.**
- f) The Bidder must submit a declaration (enclosed at **Annexure –E2**), that no case is pending with the police / court against the proprietor/ firm / partner or the company (Agency) and the bidder has not been suspended / blacklisted by any organization.
- g) No deviation certificate as per **Annexure –E3** (enclosed) must be signed and stamped.
- h) Bidder must submit the technical details in the enclosed format (**Annexure-E4**).
- i) Bidder must submit the bidder's details in the enclosed format (**Annexure-E5**).
- j) Bidders must submit a Declaration of GST Benefits (enclosed at **Annexure – E6**).
- k) Bidder must submit the check list (enclosed at **Annexure-E7**) after duly filled and signed.

C. CONDITIONS OF CONTRACT:

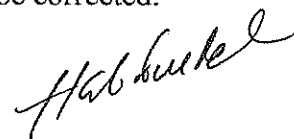
- 1) Tenders received late /in open condition/without EMD/ not meeting the tender condition / incomplete in any respect are likely to be rejected.
- 2) BHEL will not be responsible for the postal delay under any circumstances for non-receipt of Tenders by due date & time.
- 3) BHEL has the right to reject all or any of the tenders and accept any tender(s) irrespective of its / their being the lowest / highest.
- 4) If any information/ documents submitted by the tenderer are found false/fake at any stage, the tender will be cancelled and Earnest Money deposited (EMD) shall be forfeited.
- 5) The offer of the bidders who are on the banned list as also the offer of the bidders, who engage the services of the banned firms, shall be rejected. The list of the banned firms is available on BHEL web site **www.bhel.in**.

(Signature & seal of the contractor)

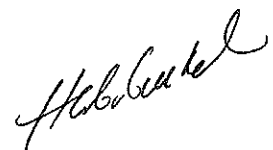


- 6) The Tenderers are required to quote for the complete scope of work. Tenders for part of the work or incomplete in any respect are liable to be rejected.
- 7) Rates/amount/percentage quoted by the bidder will be firm for the contract period or extended period of contract. No price variation and escalation due to increase in labour / material cost will be allowed.
- 8) Estimated rates have been disclosed in the tender documents and percentage rate tenders are invited. Accordingly, the basic amount as per basic rates has been calculated against each item. Bidders have to quote a single overall percentage, (+) above, (-) below or at par with the tender rates in Price Bid format. The same quoted percentage will be applied on every item of the BOQ.
- 9) The rates/amount/percentage quoted by the bidder are deemed to be inclusive of all, cost of site clearance and any other incidental works required to complete the work and inclusive of all the taxes but excluding GST. GST shall be applicable extra @ 18% as mentioned in the price bid.
- 10) **VALIDITY OF RATES:** The rates in the Tender shall be kept open for acceptance for a minimum period of **THREE MONTHS** from latest due date of offer submission (including extension, if any).
- 11) **EVALUATION CRITERIA:** The criteria of evaluation of techno-commercial bids shall be on the basis of documents submitted by the tenderers. BHEL may finalize successful tenderer by either **opening of sealed price bid** or conducting **online Reverse Auction**. Date of opening of sealed Price Bid / conducting of online Reverse Auction will be intimated, by post or e-mail separately to the Tenderers who qualify in the Techno-Commercial bid. The decision of BHEL will be final in this regard. In case of opening of Price Bid, evaluation of bid will be on total cost to 'BHEL'. Evaluation of Price Bid will be done on overall L-1 price including GST. In case of tie between the rates of two or more bidders, the Snap bidding system will be followed to decide L-1 bidder.
- 12) **REVERSE AUCTION:** BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA. In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit online sealed bid in the Reverse Auction. Non-submission of online sealed bid by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue. The Reverse Auction shall be conducted by a Service Provider (empaneled with BHEL) as per the Business Rules and Terms & Conditions.
- 13) **CORRECTION OF ARITHMETIC ERRORS:** Provided that the bid is substantially responsive, BHEL shall correct arithmetical errors on the following basis:
 - a) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the BHEL there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected.

(Signature & seal of the contractor)



- b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.
- c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.
- d) If any bidder does not accept the correction of errors, their bids are liable to be disqualified.
- 14) **CONTRACT AGREEMENT:** A contract agreement shall be signed before the start of work on a non-Judicial stamp paper of Rs 100/-. The contract agreement shall be deemed to have become effective from the date of award, and will remain in force for a period **45 days** and then after till completion of Guarantee / Warranty period as per contract. However, this Agreement may be terminated earlier by BHEL at any time by giving one month's notice to the Contractor due to any failure on the part of the contractor in discharging his obligations under the contract, without prejudice to the rights of BHEL to recover any money becoming due under this Agreement. In such a case, the Contractor shall not be entitled to any compensation thereof. The decision of BHEL about the failure on the part of the Contractor shall be final and binding on the Contractor.
- 15) **COMPLETION PERIOD:** The work completion period will be **45 days** from the date of placement of order. Entire work has to be completed within the contract period.
- 16) **SUBLETING:** The Contractor shall not sublet, transfer or assign the full work or any part thereof to any other person/company/organization. In case it is found that the work has been subletted, the contract shall be terminated immediately & Security Deposit shall be forfeited.
- 17) The contractor should have **PF code number & ESI code number** before the start of work.
- 18) Accommodation in any manner will not be provided to the workers of the contractor deployed in the execution of work.
- 19) The contractor will be responsible for the quality of the work and it is to be guaranteed for a period of one year from the date of actual completion of contract.
- 20) Period of guarantee/ maintenance shall mean the period of one year which will be calculated from the date of actual completion of the works certified by the Engineer-in-charge in accordance with conditions of the contract. The period of maintenance shall always be reckoned from the date of completion of the whole of the works as accepted / taken over by Engineer-in-charge.
- 21) **WATER & ELECTRICITY:** Electricity shall be supplied to the contractor by BHEL subject to the following conditions: -
- a) Electricity shall be provided by BHEL free of cost.



(Signature & seal of the contractor)

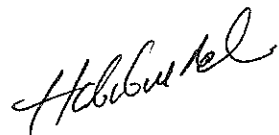
- b) Construction water required for the site shall be arranged by the contractor. Contractor should make arrangements for storage of sufficient quantity of water to meet his requirement.
- c) Contractor shall make his/ their own arrangement of electricity connection and laying of connection from existing main of source of supply as directed by Engineer in charge.
- d) BHEL do not guaranty to maintain uninterrupted supply of electricity and it will be incumbent on the contractor to make alternative arrangement for proper supply of the same at his/ their own cost in the event of any break down in the government electricity mains so that the progress of his/ their work is not held up for the want of the same. No claim of damage or refund will be entertained on account of such break down.
- e) In case of power cuts/ load shedding, no compensation for idle labour or extension of time for completion of work will be given to contractor.

22) **STORES AND MATERIALS ON SITE:**

- a) The contractor shall, during the progress of work, provide, erect and maintain at his own expense all necessary temporary work-shops, stores etc. required for the proper and efficient execution of work. The location & size of the store shall have the approval of the Engineer-in-Charge and the contractor shall at all times keep them tidy in a clean and sanitary condition to the entire satisfaction of the Engineer-in-Charge.
- b) All materials for the work are to be deposited by the contractor only in places to be indicated by the Engineer-in-Charge.
- c) The safety & security of the contractor's materials will be the responsibility of contractor himself. BHEL will not provide any compensation due to theft or loss of contractor's materials.
- d) The stores provided by the contractor will not be utilized as the accommodation for the workers or for any other purpose.
- e) Contractor will remove the temporary stores/ structure before claiming the final bill.

23) **PAYMENT TERMS:**

- a) No advance payment or the payment for mobilization of work will be made to the contractor.
- b) **Running bills payment (if demanded by contractor) against the work executed shall be made to the contractor.** Monthly running bills will be paid against actual execution of work and submission of the bills by the contractor. **Payment of each running bill will be limited to 95% and balance 5% of each running bill amount will be retained by BHEL as retention amount.** The running bill of the contractor will be processed within two weeks & will be paid within 30 days from the date of submission of the bill/s complete in all respects and completion of all formalities in time.
- c) **5% of each running bill retained by BHEL; will be paid on final completion of work along with the Final bill.**



(Signature & seal of the contractor)

- d) The payment of final bill will be made only after obtaining certificate of satisfactory completion of the work by the Engineer-in-Charge, clearance of the site & clearance of all the liabilities on contractor's part. No claim will be entertained after signing the final bill.
- e) Payment shall be made for the actual executed quantity of work after recording joint measurement on Measurement Book (MB) by Engineer-in-Charge.
- f) Measurement shall be recorded in measurement book (MB) maintained by the Engineer-in-Charge who shall make entries regarding the work executed by the contractor under different items of bill of quantity (BOQ). These entries will be counter-signed by the contractor.
- g) Bills raised by the Contractor shall be certified by the official in-charge of BHEL and the payments will be made against running/final bill excluding GST & notional interest thereon. The contractor shall not be entitled to any interest with respect to any money which may be due to him from BHEL.
- h) For measurement of work the norms of Indian Standards (IS) as mentioned in CPWD specifications for each items of work shall be followed.
- i) Measurement shall be taken jointly by Engineer-in-Charge or his representative on the part of the BHEL & the contractor.
- j) The contractor shall provide assistance with appliances and other things necessary for measurement without extra charge.
- k) If the contractor / his representative fails to attend when required for measurement, the Engineer-in-Charge shall have power to proceed by him to take measurements and in that case, these measurements shall be accepted by the contractor as final.
- l) No payment shall be made for the work done beyond scope without the written permission / instruction of Engineer-in-Charge.
- m) No interest shall be payable on any amount due to the contractor including EMD & SD.

24) TAXES/DUTIES

- (i) No reimbursement on account of increase/ decrease in the rate of taxes, levies, duties etc. on input goods/ services/ work shall be made. Bidder has to make his own assessment of the impact of future variation if any, in rates/ duties/ levies etc. in his price bid.
- (ii) In case the Government imposes any new tax/ levy on the output services / work after the date of NIT, the same shall be reimbursed by BHEL at actuals. All necessary documents as required by BHEL shall have to be provided by the contractor. However, in the event of delay in work/ services execution solely attributable to the contractor the new taxes/ levies imposed during the delay period shall not be reimbursed to the contractor.
- (iii) In case any new tax / levy / duty etc. becomes applicable after the date of issuance of NIT by reasons of making , passing or promulgation of taxation laws in India by any other order, regulation or by-laws having force of law or interpretation of application of any existing law, the bidder / contractor must convey it's impact on his price duly substantiated by documentary evidence in support of the same .Such new tax / levy / duty beyond NIT issuance date will be reimbursed / adjusted suitably from the contract price as the case may be.
- (iv) To enable BHEL to avail GST Input tax credit, contractor shall submit GST compliant Tax invoice containing all the particulars as stipulated under Invoice Rules of GST Law. Such invoice

(Signature & seal of the contractor)



shall be submitted within prescribed time limit in the name of BHEL, Corporate Office, BHEL House, Siri Fort, New Delhi and must contain the address and GSTIN of respective above mentioned office.

- (v) Payment shall be made to contractor only after submission of GST complaint Tax invoice as mentioned above and other relevant documents. However, to protect BHEL's interest for GST input tax credit, the contractor may submit bank guarantee of equivalent amount i.e. GST amount along with notional interest on GST credit for 02 months' period (i.e. presently rate of interest is 24% per annum i.e. 4% for 02 months) else GST amount plus 4% notional interest will be withheld from the bill.
- (vi) In case GST credit is delayed/denied to BHEL or subsequently recovered from BHEL due to non/delay in filing of GSTR-1 Return or delay in/non-payment of tax to Govt. by contractor or for any other reasons not attributable to BHEL, in such case any financial implication on BHEL on account of delay/loss/recovery from BHEL of such GST Credit along with interest levied/leviable on BHEL till the time GST credit is available to BHEL, shall be recovered from the contractor's running bill/ security deposit and/or adjusted against GST amount not paid as indicated under (v) above.
- (vii) Irrespective of refund of GST Credit and interest thereon to BHEL by GST portal upon subsequent declaration of such invoice by contractor in his GSTR-1 for any period after due date of such return and/or payment of GST thereon by contractor on GST portal, the notional interest for delayed period of GST credit (i.e. delay for the period when GST credit is actually allowed and the period when GST credit should have been allowed had contractor declared such invoice in his GSTR-1 and paid tax thereon in the relevant month as per GST law) shall be recovered from contractor.
- (viii) GSTIN of BHEL will be provided to the contractor within 30 days from the placement of work order.
- (ix) Any statutory changes as and when made applicable by the Government shall become applicable against documentary evidence. However, this will be mutually discussed and finalised at the time of any change occurs. However any increase in the duties and taxes in case of delays in the completion of work attributable to the contractor shall be to the contractor's account.
- (x) Payment to the contractor will be subjected to TDS as per rules in force from time to time. The Tax Deduction at Source (TDS) shall be done as per the provisions of Income Tax Act & GST, as amended from time to time and a certificate to this effect shall be provided to the contractor by BHEL.

25) PENALTY FOR DELAY

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 Penalty / Liquidated Damage (LD) at the rate of 1% 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. The LD shall be applicable on contractual value or executed value of works whichever is more. Further in case of LD recovery, the applicable GST shall also be recoverable.

25.1) PVC / ORC/Bonus: The price quoted shall remain firm during the contract period including any extension of the original contract period and no price variation compensation (PVC) shall be paid by BHEL for whatsoever reason.

(Signature & seal of the contractor)



Early completion of work is acceptable by BHEL. However, no reward/bonus shall be admissible. While every endeavor shall be made by the BHEL, it cannot guarantee uninterrupted work due to condition beyond its control. The contractor will not be entitled to any compensation /extra payment / overrun compensation (ORC) on this account.

26) EARNEST MONEY DEPOSIT (EMD):

1) EMD of Rs. **34000/- (Rupees Thirty-Four Thousand only)** only in the form of Banker's Cheque/Pay Order/Demand Draft in favour of BHEL, payable at New Delhi, must be submitted in a separate envelope and this envelope to be kept in the envelope containing "Techno-commercial Bid". Electronic Fund Transfer credited in BHEL account may also be accepted before tender opening. Cash Deposit may be accepted as permissible under the extant Income Tax Act (before Tender opening). Tender not accompanied with EMD or submitted in any forms other than mentioned above will be summarily rejected.

2) EMD of the tenderer will be forfeited if:

- a) After opening of the tender the tenderer revokes his tender within the validity period or increase his earlier quoted rates.
- b) The tenderer does not commence the Work within the period as per LOI/ Contract.

3) EMD given by all unsuccessful tenderers shall be refunded normally within 15 days of acceptance of award of work by the successful tenderer.

4) EMD shall not carry any interest.

27) SECURITY DEPOSIT:

a. The security deposit shall be collected from the successful tenderer. The rate of Security Deposit will be as below:

5% of work order value

The security deposit should be collected before start of work by the contractor.

b. 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 schedule banks, subject to realization.
- iv. Securities available from Post Offices such as National Saving Certificates, Kisan Vikas Patras etc. (Certificate should be held in the name of the contractor furnishing the security and duly pledged in favour of BHEL and discharged on the back).

(Signature & seal of the contractor)



- v. Bank Guarantee from Schedule Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL.
- vi. Fixed deposit Receipt issued by Schedule 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 before start of the work and balance 50% may be recovered from the running bills.
- viii. EMD of the successful bidder shall be converted & adjusted against the security deposit, if so desired by the successful tenderer.
- ix. The Security Deposit shall not carry any interest.

(Acceptance of Security Deposit against Sl. No. (iv) & (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).

c. **The security deposit will be released only after successful completion of Guarantee/ Warranty period as mentioned in the contract.**

d. Failure to pay the security deposit shall be treated as failure to discharge the duties under the contract and shall result in cancellation of the contract and the contractor shall be liable to compensate BHEL for any losses incurred by BHEL. BHEL reserves the right to appropriate any part / whole of the amount of the security deposit without prejudice to other claims against the contractor for losses suffered by BHEL due to failures on the part of the contractor, due to termination of contract or contractor becoming disqualified because of liquidation / insolvency. The decision of BHEL in respect of such losses, damages, charges, expenses or costs, shall be final and binding to the contractor.

28) TERMINATION OF CONTRACT ON DEATH: Without prejudice to any of the rights or remedies under this contract, if the contractor dies, the accepting officer shall have the option of terminating the contract without compensation to the contractor's survivors.

29) RECOVERY FROM CONTRACTOR: Whenever under the contract, any sum of money shall be recoverable from or payable by the contractor, the same may be deducted from any sum then due or which at any time thereafter may become due to the contractor under the contract or under any other contract with BHEL or from his security deposit, or the contractor shall pay the claim on demand without any terms & conditions.

30) POST TECHNICAL AUDIT OF WORK AND BILLS: BHEL reserves the right to carry out a post payment audit and technical examination of the work and final bill including all supporting

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vouchers, abstracts etc. and to enforce recovery of any sums becoming due as a result thereof in the manner provided into the proceeding sub-paragraph provided however, that no such recovery shall be enforced after three years of passing the final bill.

31) ARBITRATION / CONCILIATION: In the event of any dispute arising between the parties hereafter referred as BHEL and Contractor in respect of or connected with this contract, General & Special terms & conditions of tender, then the same shall be referred to Arbitration and Arbitrator will be nominated by the Head of Administration of BHEL Corp. Office, New Delhi, whose decision shall be final and binding on both the parties. However, any differences or doubt pertaining to meaning/ interpretation of any phrase word used in terms or in the schedule of services, their nature and manner of rendering of such services shall be the excepted matter and be referred to the Head of Administration of BHEL Corp. Office, New Delhi, whose decision shall be the final and binding. The provisions of Arbitration and Conciliation Act, 1996 or any statutory modification and re-enactment thereof will apply to such arbitration provided however, in all matters the venue of proceedings will be Delhi and only Delhi or appropriate Courts will have jurisdiction over the same.

32) RISK CLAUSE: BHEL reserves the right to terminate the contract due to any failure on the part of the Contractor in discharging his obligations under the contract or in the event of his becoming insolvent or going into liquidation. The decision of the BHEL about the failure on the part of the Contractor shall be final and binding on the Contractor. In the event of any failure on the part of the Contractor, BHEL shall have the right without any prejudice to get the work done through any other alternate agency at the risk and cost of Contractor. The additional cost including loss, if any incurred by BHEL will be recovered from the Contractor.

D. INSTRUCTIONS RELATED TO WORK

- a) **CARE OF BUILDINGS:** Care shall be taken by the contractor to avoid damage to the existing buildings during execution of work. He shall be responsible for repairing all the damages and restoring the same to their original finish at his cost. He shall also remove at his costs all unwanted and waste materials arising out of his work from the site.
- b) **QUALITY OF MATERIALS:** All materials supplied by the contractor shall be new. They shall be such design, size and materials as given in BOQ and to satisfactorily function.
- c) **INSPECTION OF MATERIALS:** All the materials delivered by the contractor at site shall be inspected and verified by Engineer-in-charge before use.
- d) **WORKMANSHIP:** **Good workmanship is an essential requirement to be complied with.** The entire work shall conform to sound engineering practice. In case of bad workmanship re-work will be done by the contractor on no extra claim.
- e) **SUPERVISION OF WORK:** The contractor will deploy sufficient numbers of Supervisors/ Engineers of appropriate qualification and experience to ensure proper execution of work. They will carry out instructions of Engineer-in-charge and other senior officers of BHEL during the progress of work.
- f) **GUARANTEE / WARRANTY OF EXECUTED WORK:** The defect liability period for the work executed shall be Five (5) years. In others words, the work carried out in the contract

(Signature & seal of the contractor)



shall be guaranteed / warranted against any inferior quality/ workmanship for a period of Five (5) years from the actual date of completion of the contract. The full Security Deposit (SD) amount shall be retained for the guarantee / warranty period and it shall be released after satisfactory completion of guarantee / warranty period. During the guarantee / warranty period, if the complaint is reported in the work carried out, the contractor shall deploy his resources in the time frame given by the department and carry out the repair / rectification work immediately. However, if the complaint pertaining to a terrace / roof is reported more than twice i.e. two rainy season during the guarantee / warranty period, full Security deposit (SD) shall be forfeited.

E. CONTRACTOR'S OBLIGATION:

- 1) "The Bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultants/service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice."
- 2) Contractor shall supervise the Work allotted to him to be carried out by his workforce. The contractor shall visit the site every day to ensure the work is carried out in fast pace for completion within schedule time.
- 3) Contractor to ensure that the workforce deployed in the premises of BHEL are physically and mentally fit and do not have any criminal record. Such employees should possess requisite skill, proficiency, qualification, experience etc.
- 4) The workforce deployed by the contractor shall be hail and healthy and should not be suffering from any communicable diseases.
- 5) Contractor to accept full and exclusive liability for the wages, Allowances, PF, ESI, for the workforce deployed by the contractor and other obligation referred under the law at present and any future taxes imposed by the Government / Local Bodies.
- 6) BHEL will have no liability whatsoever concerning the persons deployed by the contractor for the purpose. The contractor shall keep BHEL indemnified against all losses or damages or liability arising out of or imposed in the course of employment of persons by the contractor.
- 7) Statutory requirement of the local authority / State Govt. / Central Govt. shall be responsibility of the contractor.
- 8) The contractor will be solely responsible for any unlawful act of their workforce while on duty. In case of theft or loss of BHEL's property take place due to the negligence or carelessness of workforce, the contractor will be responsible and shall make good of the same.
- 9) The Contractor shall duly comply with all acts, laws, or other statutory rules, regulations, by-laws applicable or which might be applicable to with regard to the performance of the contract included herein or concerning this Agreement but not limited to Minimum Wages Act- 1948, Contract Labour (Regulation & Abolition) Act, 1970, Industrial Dispute Act, 1947, Workmen's

(Signature & seal of the contractor)



Compensation Act 1923, Employees' State Insurance Act 1948 (to the extent as may be applicable, if any), Employees' Provident Fund and Misc. Provisions Act, 1952 and the amendments made thereafter to these Acts / Laws and from time to time take such steps as may be deemed necessary in this regard. The Contractor shall keep BHEL Indemnified against all penalties, claims and liabilities of every kind under or for any violation of such acts, laws or regulations etc. by him or his workers.

- 10) In case, while on duty and during the course of engagement in work premises of BHEL under this Agreement, if any of the Contractor's workforce suffers with any injury / indisposition due to accident or other natural calamities, the Contractor shall ensure that immediate and adequate medical aid viz., first -aid and subsequent treatment facilities are provided to the person(s) concerned free of cost without fail. In addition, the Contractor shall also be liable for meeting with statutory liabilities like ESI etc. in respect to his workers.
- 11) The Contractor shall be fully responsible for the timely payment of wages, Allowances, Bonus or any other benefits payable under the aforesaid Acts, Laws and regulations to the workforce engaged by him at the work premises of the Company. Contractor shall also be fully responsible for timely deposit of PF and ESI (if applicable) with the appropriate authority including submission of return of PF & ESI and issue of PF slip issued by the PF Authority. BHEL shall not be responsible for these payments or any other liability on this account. The Contractor shall also indemnify and compensate BHEL for any liability incurred by the BHEL, if any, including costs incurred thereon. In that event BHEL shall be entitled to recover the amount so paid, from the contractor, including forfeiture of the Security Deposit; and, if the sum so payable and / the Security Deposit is less than the BHEL's claim, it shall be lawful for BHEL to recover the balance amount as a debt from the Contractor.
- 12) The Contractor shall indemnify and compensate BHEL, if BHEL as Principal Employer under the Contract Labour (Regulation and Abolition) Act, 1970 becomes liable to assume any liability towards the workforce engaged by the contractor. In that event, the provisions relating to recover as provided in relevant clauses of the said Act shall be applicable in Toto.
- 13) The Contractor shall be held responsible for any damage / loss to the work premises /or the properties of BHEL (i.e. missing or broken fittings, equipments, furniture etc. and loss of such things) caused due to the negligence of his work force and shall have to replace the same at his own cost. The decision of the Engineer-in-charge shall be final and binding on the Contractor.
- 14) The contractor shall hand over a copy of all legal and statutory documents and records to BHEL for fulfilling any future requirement with the statutory authority.
- 15) The contractor shall abide by all the rules / regulations / status imposed by the Govt. or other concerned authorities. The contractor will be responsible for workmen's compensation & other requirements of local Municipalities / Govt. or any other law regulating bodies.
- 16) Contractor to maintain appropriate records of his employees deployed to carry out the job.
- 17) Contractor to get all his employees insured against all type of risks at his own cost.
- 18) Contractor to ensure that all precautions are taken for safety of his employees and equipments.

(Signature & seal of the contractor)



- 19) In the event of termination of contract for any reason whatsoever, the contractor shall withdraw all his employees from the site of BHEL. In case contractor decides to terminate services of his employees, he should settle all terminal dues including retrenchment compensation.
- 20) The successful tenderer must comply to all statutory labour law regulations applicable to this contract like minimum wages act, timely payment of wages etc. including taking of insurance

cover etc. for workers employed for this contract. Any obligation on account of the above will be the liability of the successful tenderer.

- 21) In case of any objection from any statutory / local authority, the contractor has to liaison with them for smooth progress of work.
- 22) The Contractor shall ensure proper conduct and behavior of the workforce engaged by him on the site and shall remove with immediate effect, the engagement of such person(s) who does/do not conduct himself / themselves properly or misbehave(s) with the residents of township or the staff of Estate office.

(Habibul Rehman)
Manager/ (HR-GAX)
On behalf of "BHEL"

(Signature & seal of the contractor)



**WATERPROOFING WORK OF FRONT BLOCK TERRACE AT
BHEL HOUSE, SIRI FORT, NEW DELHI**

VOLUME-III

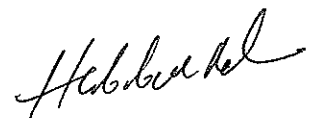
**TECHNICAL CONDITIONS OF CONTRACT
(TCC)**

Corporate Administration

BHARAT HEAVY ELECTRICALS LTD.

AGVC, Siri Fort, New Delhi-110 049

(Signature & seal of the contractor)



TECHNICAL CONDITIONS OF CONTRACT (TCC)

1. The subject work shall be carried out up to the satisfaction of Engineer-in-charge. The work is required to be carried out by OEM or by OEM authorized agency. In case the work is carried out by an OEM authorized agency, the applicator has to produce the certificate of its authorization from OEM.
2. The PU coating work shall be carried out day/night time as per the temperature required by manufacturer's specifications.
3. In the event of use of equivalent PU chemical other than Dr. fixit Flexicoat PU, Contractor shall be required to submit necessary documents of the PU chemical for approval from BHEL before using it's in the work. Following technical parameters shall be considered for approval of equivalent PU chemical:

a. Tack free Time @27 C	-	<15 hrs
b. Time to full cure	-	<72 hrs
c. Viscosity	-	60 to 90 PS
d. % solid	-	77±2
e. Specific Gravity	-	1.11 to 1.18

Typical membrane properties (28 days curing)

f. Elongation	-	>600 %
g. Tensile Strength	-	1.5 n/sq mm
h. Modulus at 100% elongation	-	0.62 sq mm
i. Recovery from 200%	-	95%

4. **Surface preparation:** All surfaces to be waterproofed should be sound, clean and dry and free of any laticence, grease and oil, dirt and other loose materials. Concrete surfaces should have a light steel-trowel followed by a fine hair-broom or equivalent finish which is dry and free of dust, oil and other contaminants. All protrusions to be removed to level the surface. Algae and fungi must be removed physically followed by treatment with Dr. Fixit Bioclean to eradicate any spores and to inhibit further growth. After treatment leave for 2-3 hrs and then wash down thoroughly with clean water and allow to dry completely.
5. **Priming:** Priming shall be carried out using Dr. Fixit Torchshield Primer as per the specifications and allowed to dry for 6-8hrs.

(Signature & seal of the contractor)



6. **Cracks:** All shrinkage and non-moving structural cracks should be pre-treated with a coating of Dr. Fixit Flexicoat PU extending 75mm either side of the crack. Allow to cure overnight before general application.
7. **Application:** Dr. Fixit Flexicoat PU should be applied by brush, trowel, squeegee in two coats maintaining the spreading rate to achieve the desired DFT of 1.2 mm. The material consumption shall be approximately 1.4-1.5 ltr/ sqm in 02 coats. In critical applications where film thickness is paramount and desired than the stated one then two coats should be applied with quantities per coat gauged to give the specified final film thickness. On a vertical surface if high film build up is desirable then additional coat may be required. If a water ponding test is to be run, the membrane should be fully cured.
8. **Ponding test:** Prior to placement of protection, water ponding test to a minimum depth of 50 mm of water for 24 hrs shall be conducted.
9. **Precautions & Limitations:** Surface to be dry for application as the material is cured in presence of moisture. Moisture level shall not be essentially more than 0.5%. Soft settling is likely to be observed in containers and the same shall be stirred thoroughly and carefully to achieve a homogeneous consistency. Avoid application on very hot substrate & during a very hot and windy conditions. Film formation may not be uniform and gradual under such circumstances & skinning on top surface may lead to formation of blisters and bubbles due to entrapped vapour from within the material. The minimum application life (after opening the container) is up to 48 hrs. if stored in tightly closed container
10. The Cement to be used in the Works shall be 43 Grade Ordinary Portland cement conforming to IS: 8112.
11. Cement shall be kept, at all times, in covered storage in an approved manner. No cement shall be kept on the site longer than three months before use.
12. Steel reinforcing bars shall conform to the following standards:

Mild steel and medium tensile steel bars	IS 432 (Part I)
High strength deformed steel bars	IS 1786
Hard drawn steel wire fabric	IS 1566
Structural steel, Grade A	IS 2062

Binding wire shall conform to IS 280 and shall be soft drawn mild steel wire of size not less than 1.5 mm. in dia. (16 g.) soft annealed/galvanized steel wire. All reinforcement shall be free from loose mill scales, loose rust and coats of paints, oil, mud or any other substances, which may destroy or reduce bond.

13. All the materials shall be arranged by the contractor. No materials shall be issued from BHEL.
14. All tools and tackles required for proper completion of work shall be arranged by contractor.

(Signature & seal of the contractor)

15. The Contractor shall not at any time do, cause or permit any NUISANCE on Site or do anything which shall cause unnecessary disturbance or inconvenience to owners, tenants or occupants of other properties near the Site and to the public generally.
16. Major part of terrace area is occupied by equipments like HVAC Outdoor units, Electrical cables on cable trays and plumbing pipes etc. The contractor has to carry out the work so as not to damage the existing equipments positioned on terrace. If any such damage is caused, it shall be the responsibility of the contractor to make up for the losses and compensate them at no extra cost.
17. All required test Certificates for the works/items like, PU chemical, Cement, Reinforcement etc. shall be submitted by the contractor.
18. Cube Testing of concrete samples, if asked by Engineer in charge, has to be arranged by Contractor from Govt. Laboratory or any other laboratory approved by Engineer-In charge, at no extra cost.
19. After completion of the work at the site, contractor will remove all unwanted material/ rubbish from the site with no extra claim.
20. The Source of Power Supply will be given at one point. All other arrangements have to be arranged by Contractor.
21. Proper curing of all the cement work as per manufacturer specification/IS specifications shall be done by contractor.

(Signature & seal of the contractor)



UN- PRICED PRICE BID**NAME OF WORK: WATERPROOFING WORK OF FRONT BLOCK TERRACE AT BHEL HOUSE, SIRI FORT, NEW DELHI**

Sl. No	Description of Item	Unit	Qty	Rate	Amount
1	For flat roof surface area: Cleaning of concrete surface and made free of contaminants and laitance. Removing the loose / extra existing screed concrete and cleaning the surface with scrappers, steel wire brushing, brooming, preparing and levelling the surface . Repair of all surface area by cement mortar mix with polymer dr. fixit pedicrete or equivalent, pre-treatment of cracks if required with Dr. fixit flexicoat or equivalent etc. complete as per direction of engineer in charge.	SQM	1000	48	48000
2	For central elevated area: . Removing the existing damaged thermocoal insualtion by scrapping, cleaning of stone surface by grinding. Removing the loose existing screed and cleaning the surface with scrappers, steel wire brush, brooming, preparing and levelling the surface . Repair of damaged surface by mortar mixed with polymer dr. fixit pedicrete or equivalent, pre-treatment of cracks if required with Dr. fixit flexicoat or equivalent etc. complete as per direction of engineer in charge.	SQM	740	62.40	46176
3	Providing and applying PU based water proofing treatment on roof with one coat of Dr. Fixit Torchshield Primer or equivalent and two successive liquid coatings of Dr.Fixit Flexicoat PU or equivalent by brush or roller as per relevant IS/ ASTM standards to form an elastomeric membrane with overall dry film thickness 1.2 mm subject to minimum 1.4 -1.5 Ltr/ Sqm consumption in 02 coats etc. all complete as per direction of engineer-in-charge.	SQM	1740	537.60	935424
4	Providing and laying wearing coarse consisting of 40 mm thick plain cement concrete of mix 1:2:4 with graded aggregate of 12.5 mm size cast in panels of maximum size 1.2 m x 1.2m and reinforced with 0.56 mm dia. Galvanised chicken wire mesh and sealing of joints (in grooves of 6 mm x 6mm using polysulphide/PU sealant etc. all complete.)	SQM	1000	412.80	412800
5	Total Estimated Amount (excluding GST) in Rs.				1442400

Descriptions	Quote percentage (%) applicable over total estimated amount mentioned at Sl. no. 5	
1) If quoted % is above then prefix "+" the value	Please write Yes in the next column if %age above, below or at par is quoted in the Price Bid Format (Part B)	
2) If quoted % is below then prefix "-" the value		
3) If no change, just write "At par"		

Note: 1) Bidders are required to quote percentage Above (+) / Below (-) / At par on total estimated amount mentioned at Sl. No. 5.

2) GST @ 18% shall be applicable extra.

(Signature & seal of the contractor)



DECLARATION

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

(Signature & seal of the contractor)

Place:

Date:



(Signature & seal of the contractor)

No Deviation Certificate

We hereby certify that we do not have any deviations to the tender no. **AA: GAX:18: WP:001 Dated 31.05.2018**. Deviations if any, mentioned elsewhere in our bid (whether Techno-commercial bid or Price bid) may be treated as null and void by BHEL.

We hereby accept all the terms and conditions of the above tender and there is no deviation in the terms & conditions of tender. We confirm that the offer submitted by is confirming to all the terms and conditions mentioned in the tender document. We hereby undertake and confirm that we have understood the scope of services properly and shall carry out the job as mentioned in this tender.

(Signature & seal of the contractor)



(Signature & seal of the contractor)

TECHNICAL DETAILS

Rs. Lacs

TURNOVER (F.Y.)	2014-15	2015-16	2016-17
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EXPERIENCE	No. of Work	Value	Customer's Name

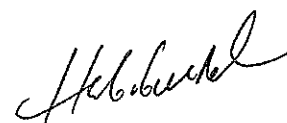
SIMILAR WORKS	Nature of Works	No. of works	Value	Customer's Name

EPF Registration number	
ESI Registration number	
PAN Card No.	
GST Registration No.	

Income Tax Return (F.Y.)	2014-15	2015-16	2016-17
EMD Details	DD/ PO No.	Date	Amount
Details of manpower			

(Signature & seal of the contractor)

(Signature & seal of the contractor)



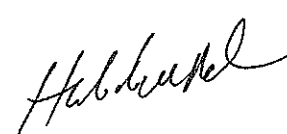
BIDDER'S DETAILS

Name of the Contractor /Party/ Firm	
Name of Representative	
Postal Address	
Phone/ Landline Nos.	
Mobile Nos.	
Fax No.	
E-Mail Address	
Web Site Address (If Any)	
Bank details for payment through NEFT/RTGS and for release of EMD*	Name of Bank: Branch: Account No.: IFSC No.: MICR No.:

Note: Submit a canceled cheque for verification of above bank details.

(Signature & seal of the contractor)

(Signature & seal of the contractor)



DECLARATION OF GST BENEFITS


To whom so ever it may concern, I hereby on behalf of my organization declare that I have quoted the rates considering the benefits of Goods and Services Tax (GST) including Input Tax Credit (ITC) in the Price Bid.

(Signature & seal of the contractor)

Place:

Date:

(Signature & seal of the contractor)

A handwritten signature in black ink, appearing to read 'H. Subudhi', is written over the signature line.

CHECK-LIST (TECHNICAL BID)
SUMMARY OF COMPLIANCE TO REQUIREMENT OF TENDER

Sl. No.	Description of requirement	Yes/No/NA	Page No.
1	EMD of Rs. 34000/- in the prescribed mode in favour of "Bharat Heavy Electricals Ltd" in a separate envelope and this envelope is to be kept in the envelope containing "Techno-commercial" bid.		
2	Details of work experience, satisfactory work performance certificates.		
3	Copies of the Balance sheet and Profit & Loss account statement of last three financial years i.e. FY 2014-15, 2015-16 & 2016-17 duly verified by CA.		
4	Acknowledgement of IT returns (ITR) of last three financial years i.e. FY 2014-15, 2015-16 & 2016-17.		
5	Copy of the PAN card.		
6	Copy of GSTIN No. registration certificate		
7	Copy of EPF Registration and details		
8	Copy of ESI Registration and details		
9	Declaration enclosed at Annexure – E2		
10	No deviation certificate enclosed at Annexure – E3		
11	Technical details as per Annexure-E4		
12	Bidder's detail as per Annexure- E5		
13	Declaration of GST Benefits as per Annexure – E6		
14	All the pages of tender document have been signed		
15	Sealed envelope of price bid submitted.		

(Signature & seal of the contractor)

(Signature & seal of the contractor)

Habibul

PART 'B' – PRICE BID

NAME OF WORK: WATERPROOFING WORK OF FRONT BLOCK TERRACE AT BHEL HOUSE, SIRI FORT, NEW DELHI

Sl. No	Description of Item	Unit	Qty	Rate	Amount
1	For flat roof surface area: Cleaning of concrete surface and made free of contaminants and laitance. Removing the loose / extra existing screed concrete and cleaning the surface with scrappers, steel wire brushing, brooming, preparing and levelling the surface. Repair of all surface area by cement mortar mix with polymer dr. fixit pedicrete or equivalent, pre-treatment of cracks if required with Dr. fixit flexicoat or equivalent etc. complete as per direction of engineer in charge.	SQM	1000	48	48000
2	For central elevated area: Removing the existing damaged thermocoal insulation by scrapping, cleaning of stone surface by grinding. Removing the loose existing screed and cleaning the surface with scrappers, steel wire brush, brooming, preparing and levelling the surface. Repair of damaged surface by mortar mixed with polymer dr. fixit pedicrete or equivalent, pre-treatment of cracks if required with Dr. fixit flexicoat or equivalent etc. complete as per direction of engineer in charge.	SQM	740	62.40	46176
3	Providing and applying PU based water proofing treatment on roof with one coat of Dr. Fixit Torchshield Primer or equivalent and two successive liquid coatings of Dr.Fixit Flexicoat PU or equivalent by brush or roller as per relevant IS/ ASTM standards to form an elastomeric membrane with overall dry film thickness 1.2 mm subject to minimum 1.4 -1.5 Ltr/ Sqm consumption in 02 coats etc. all complete as per direction of engineer-in-charge.	SQM	1740	537.60	935424
4	Providing and laying wearing coarse consisting of 40 mm thick plain cement concrete of mix 1:2:4 with graded aggregate of 12.5 mm size cast in panels of maximum size 1.2 m x 1.2m and reinforced with 0.56 mm dia. Galvanised chicken wire mesh and sealing of joints (in grooves of 6 mm x 6mm using polysulphide/PU sealant etc. all complete.)	SQM	1000	412.80	412800
5	Total Estimated Amount (excluding GST) in Rs.				1442400

Descriptions	Quote percentage (%) applicable over total estimated amount mentioned at Sl. no. 5
1) If quoted % is above then prefix “+” the value	
2) If quoted % is below then prefix “-” the value	
3) If no change, just write “At par”	

Note: 1) Bidders are required to quote percentage Above (+) / Below (-) / At par on Estimated Amount against Sl. No. 5.

2) GST @ 18% shall be applicable extra.

(Signature & seal of the contractor)

