



**BHARAT HEAVY ELECTRICALS LIMITED**  
**HPEP, RAMACHANDRAPURAM, HYDERABAD-32**  
 (Township Administration)

TELEGRAM: BHARATELEC TELEPHONE NO. 23182232 & 23183585

Civil – Planning Department

**TENDER NOTICE**

Name of the department : TOWNSHIP ADMINISTRATION (TA) -CIVIL  
 Tender Notice No : *HY/TA/OT-09/2021-22, Dated: 26.08.2021*

Bharat Heavy Electricals Limited, a Government of India Public Sector undertaking having its Registered Office at Siri Fort, New Delhi. BHEL Ramachandrapuram, one of its manufacturing Units, invites sealed tenders in two-part bid from eligible /Contractors, who fulfil qualification criteria as stipulated in NIT, for the work, “Rate Contract for Carrying Out Routine Annual Civil Maintenance Works like Masonry, Flooring, Plumbing, Fabrication, Carpentry, Painting and Horticulture Works etc., in Township”.

1. Sealed quotations in single cover consisting of two inner sealed covers (containing Technical bid as Part A and Price bid as Part B super scribing the Name of work, Part Number and Tender reference will be received at this office Up to 11.00 AM on or before *Date: 01.09.2021* at vendor complex, besides administrative building, BHEL Ramachandrapuram. Technical bid will be opened at 13:30 Hrs. on the same date and further information if any, may be obtained from the office.
2. Bidders can submit their bids through online system services also. Bidders shall enclose all the required documents as per the Techno Commercial bid (Part-A) with signature & stamp on each page and send the documents to [technicalbid\\_hyd@bhel.in](mailto:technicalbid_hyd@bhel.in). Similarly, price bid (Part-B) with stamp & signature on each page shall submit it to [pricebid\\_hyd@bhel.in](mailto:pricebid_hyd@bhel.in). In case of any clarifications or information, bidders may contact TA – Planning Department through telephone numbers *040 – 2318 3585, 2232, 5227 or 9948955536 or 8008809584*.
3. The tender documents are also available in the Web Site of BHEL [www.bhel.com](http://www.bhel.com). Those who wish to download the same may do so. While submitting the tender documents, a demand draft paid towards cost of tender document should be enclosed. The cost of Tender documents if downloaded through web is *Rs.500/-* only. BHEL is not encouraging to purchase the tender documents from TA office or through post due to prevent the spread of CORONA Virus. Bidders shall download all the tender documents from the BHEL website only. The submitted tender documents without demand draft for the specific value will be summarily rejected. Corrigendum if any will be published in BHEL web site only. Bidders should regularly visit website(s) to keep themselves update. The brief scope of the work and information are provided below:
4. The salient features of the tender documents are as follows :

S.No	Description	Pg.No
1.0	Notice Inviting Tender	3
2.0	Prequalification Requirements	3
2.1	Instruction to Tenderer	5
3.0	General Terms and Conditions	10
4.0	Duties and Responsibilities of contractor	17
5.0	Conciliation & Arbitration	21
6.0	Contract Work Description (Schedule – A)	22
7.0	Special conditions of contract	50
9.0	Declaration by Tenderer & NEFT Form.	53

5. Bidders can pay the tender document fee and EMD amount through Electronic Fund Transfer also. Techno Commercial Bid without the tender cost fee receipt and EMD paid details will be summarily rejected without any intimation to the agency. The Account details for EFT are given below:

Beneficiary name & address	Bharat Heavy Electricals Limited, Ramachandrapuram. Hyderabad – 502032
Bank Name & Address	State Bank of Inida, BHEL-Township, Hyd – 032
Account Number	62048154115
Account Type	Current A/C.
Bank IFSC Code	SBIN0020075
Bank MICR Code	500002370

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**ACCEPTING AUTHORITY**

6. In case, tender documents are submitted by post, BHEL shall not be responsible for any delay due to any reasons (including postal delay) either in receiving the Agency's request nor receipt of tender documents by the Agency.

CONTENTS

SL. No.		Description
1.0		Notice Inviting Tender
2.0	2.0	Prequalification Requirements
	2.1	Instructions to Tenderer
3.0	3.0	General terms and conditions
	3.1	Special Remarks
	3.2	Earnest Money Deposit
	3.3	Security Deposit
	3.4	Statutory Requirements
	3.5	Manpower
	3.6	Period of Contract & Maintenance Period / Defect Liability Period
	3.7	Payment to the Contractor
	3.8	Implementation of Price Variation Clause
	3.9	Failure to Comply with Contractor
	3.10	Sub-Contracting
	3.11	Laws Governing the Contract
	3.12	Legal Jurisdiction
4.0	4.0	Duties & Responsibilities of Contractor
5.0	5.0	Arbitration & Conciliation
6.0	6.0	Contract Work Description – Schedule “A”
7.0	7.0	Special Condition of Contract
	8-A	Techno-Commercial Bid Application
	8-B	Proforma for Price Bid
		Annexures – I, 2

**SIGNATURE OF TENDERER**

**ACCEPTING AUTHORITY**

## 1.0 NOTICE INVITING TENDER

TENDER NOTICE NO. HY/TA/OT-09/2021-22, Dated: 26.08.2021

Name of work	:	Rate Contract for Carrying Out Routine Annual Civil Maintenance Works like Masonry, Flooring, Plumbing, Fabrication, Carpentry, Painting and Horticulture Works etc., in Township
Earnest Money Deposit	:	Rs. 12,000/-.
Approximate Estimated value of work	:	Rs.6.00 Lakhs plus taxes extra
Cost of Tender documents	:	Rs. 500/- (through Web)
Last date for sale of tender documents (Mention date and time)	:	<i>Date: 31.08.2021 at 14:00 hrs.</i>
Last date of receipt of tenders (Mention date and time)	:	<i>Date: 01.09.2021 at 11:00 hrs</i>
Date, time and place of tender opening (Mention date, place and time)	:	<i>Date: 01.09.2021 at 13:30 hrs</i> at Vendor Complex near Admn. Building, BHEL, RC Puram,
HYD		
Period of Completion (Mention duration of the Contract)	:	<i>07 (Seven) Months</i>
Maintenance period	:	<i>06 (Six) Months</i>
Any corrigendum	:	All corrigenda, addenda, amendments, time extensions clarifications, etc. to the tender will be hosted on BHEL website. Bidders should regularly visit website(s) to keep themselves updated.

Name &amp; Address:

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Email: \_\_\_\_\_ Fax no: \_\_\_\_\_

## 2.0 PREQUALIFICATION REQUIREMENTS:

The following conditions have to be satisfied by the tenderer, with documentary proof to be enclosed with tender bid (Technical):

- (i) Average annual financial turnover during the last 3 years, ending 31st March of the previous financial year (should submit balance sheet & P&L account for last 3 years –certified by Chartered Accountant), should be at least 30% of the estimated cost i.e., *Rs.1.80 Lakhs*. Further, the tenderer fail to submit the figure (s) for 3 years, non-submitted year will be considered as “0” (Zero) for averaging the turnover. Please refer Special Terms & Conditions.
- (ii) Particulars of experience / credentials for the works executed of similar nature during not older than 7 years (Completion and experience certificate of the works to be enclosed) ending last day of month previous to the one in which applications are invited should be either of the following: please refer special Terms & Conditions.
  - a. Three similar completed works each costing not less than the amount equal to *Rs. 2.40 Lakhs*.  
OR
  - b. Two similar completed works each costing not less than the amount equal to *Rs. 3.00 Lakhs*.  
OR
  - c. One similar completed work costing not less than the amount equal to *Rs.4.80 Lakhs*.

Note: - Experience certificate issued by BHEL, RC Puram in case any work executed in BHEL, RC Puram for past three years, and any adverse remarks in the experience certificate will be a disqualification factor.

“All kinds of civil works (or) Civil Labour Intensive Works (or) Civil Maintenance Works (or) Labour Intensive Electrical Maintenance Works (or) Garbage Lifting and Sweeping Works (or) Drainage Related Work executed during last seven years will be considered as similar work for this work”.

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**Performance Certification:** The bidder's performance for each work completed in the last three years should be certified by the responsible official from the concerned service receiver for whom similar service was provided. Copy of satisfactory completion certificate of contract of similar work shall be attached. If the completion certificates is from private organization the same shall be supported with TDS certificate/payment transaction details along with form 26AS.

- (iii) "The offers of the bidders who are on the banned list as also the offer of the bidders, who engage the services of the banned firm shall be rejected. The list of banned firms is available on BHEL website [www.bhel.com](http://www.bhel.com)".
- (iv) Valid ESI Code Number.
- (v) Valid P.F. Code Number.
- (vi) Valid GST registration number.
- (vii) PAN card. (In case not available, proof of having applied with acknowledgement from concerned authority).

**GST:** All the terms & conditions of the contract with respect to Taxes & Duties are subject to the new taxation laws introduced from time to time (e.g., GST). The terms & conditions will be modified in accordance with the provisions of new laws (e.g., GST).

- (viii) The agency should possess all valid statutory registration/approvals/license/permit for running the agency i.e., the agency should have registered with the central labour commissioner, Income tax department, Employees Provident Fund organisation, and Employees State Insurance and service tax authorities. Further, the agency shall be registered contractor under Contract Labour (Regulation and Abolition) Act, 1970.
- (ix) The agency should possess licenses in Form VI Contract Labour (Regulation and Abolition) Act issued by Central Government for carrying out services.
- (x) The agency must have license from the Home Department of the respective state government or from Government of India.
- (xi) The agency should have the registration certificate of their registration with the labour department of the Government of India.
- (xii) Ability to pay three months monthly payment and all statutory dues of workers deployed in the Township Area. The agency must have the financial ability to pay the monthly wages of the workers and all other necessary statutory dues to the deployed workers in the Township Campus for a minimum period of three months in the event of delay in the release of payment from the BHEL.
- (xiii) *The agency must be able to pay the payment of consolidated wages /Bonus payable to workers/ BHEL wages (which consists of state Govt. minimum wages and additional payments), allowances, and other statutory dues payable to workers in the first week of consecutive month without waiting for the release of agreed payment from BHEL Ramachandrapuram. BHEL will not pay any additional amount other than the agreed amount.*
- (xiv) Making misleading or false representation in the bid document will lead to disqualification of the bidder resulting in forfeiture of EMD amount.
- (xv) It is proposed to conduct a pre-bid meeting; the purpose of the meeting is to provide any clarifications raised by the prospective bidders on technical bid and commercial terms and conditions of this tender. In view of this, prospective bidders are advised to submit their clarifications, if any, through email ([venkatesham@bhel.in](mailto:venkatesham@bhel.in) or [gcssekhar@bhel.in](mailto:gcssekhar@bhel.in)) before the date of pre-bid meeting. Further, on the date of the meeting, the clarifications should be given in writing. Any modification of the bidding documents, which may become necessary as a result of the pre-bid meeting shall be made known to all the prospective bidders by giving corrigendum in the BHEL website. No clarifications will be entertained after the pre-bid meeting. No extension of time will be given for submission of tender on any account, beyond the last date for submission of tender.
- (xvi) There shall NOT be any price indication in the technical bid. If for any reason, it is found that the technical bid reveals the price bid related details in any manner whatsoever, or, the price bid is enclosed in the envelope superscribed, "Technical Bid", the bid document will be summarily rejected in the first instance itself. Any tender containing both the Technical bid and Price bid in the same envelope will also be summarily rejected.
- (xvii) In case the service is not found to be satisfactory, the contract shall be terminated by BHEL by giving notice of one month to this effect. However, the contract can be stopped by giving a written advance notice of 6 months by the executing agency.

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- (xviii) A record of every lapse small or big to be maintained by the executing agency and weekly meeting with the representative of the company will be held and minutes of the same recorded for compliance.
- (xix) No employee of the agency shall work for more than 26 days in a month or as specified by the Labour Laws. Without prior approval of the BHEL, no employee of the agency shall be deployed over time. No overtime wages will be paid by the BHEL.
- (xx) Agency should abide by the laws of Republic of India including, Labour Laws (ESI, EPF, Bonus, Income Tax or any other taxes levied by the Government) Companies Act, GST and TAX Deduction liabilities, welfare measures of its employees and all other obligations that enjoin in such cases and are not essentially enumerated and defined herein, though any such onus should be the exclusive responsibility of the agency, and the agency should not involve the BHEL in any way what-so-ever.
- (xxi) Total amount of security deposit shall be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of security deposit. The successful tenderer on receipt of letter of intent can convey his acceptance in writing for conversion of EMD into security deposit. If the work is awarded, the agency has to pay 50% of SD in advance on contract value before commencement of work after adjusting of EMD amount. The security deposit shall be paid within 15 days from acceptance of LOI copy by the agency and security deposit shall be kept with BHEL for the entire duration of the contract. No interest shall be paid by BHEL on security deposit amount. Security Deposit shall be released after successful completion of contract by the agency.
- (xxii) Contract Workers shall refrain from using slang or profanity in conversation at any time while in and around BHEL Campus, whether on or off duty. They should bear in mind that their conduct is all times a direct reflection on themselves. Abuse, disrespect or insulting actions toward fellow workers or BHEL employees will not be tolerated for any reason.

## 2.1 INSTRUCTIONS TO TENDERER

- 2.1.1 Tender is a two-part bid system. The tender documents consist of Part – A and Part – B as detailed below: Part ‘A’: Techno-commercial Bid, Part ‘B’: Price Bid. Both to be submitted in sealed cover in a common cover as per Tender conditions and super scribed “Tender Enquiry No. *“HY/TA/OT-09/2021-22, Dated: 26.08.2021”*”
- 2.1.4 The Techno commercial Bid (Part - A) and general terms and conditions shall be attached to Techno-commercial offer with each page duly signed by the tenderer (at the bottom of each page) as a token of acceptance.
- 2.1.5 PART-A: TECHNICAL BID: Those who are submitting technical bid by enclosing price bid quoted details will render the tender invalid.
- 2.1.6 Part ‘B’ – The price Bid should not carry any conditions. Price / rate % should be quoted in clear terms in the format given by BHEL.
- 2.1.7 Part ‘B’ – any correction / over writing / any wording which is not clear are liable for rejection.
- 2.1.8 The tender forms both Part ‘A’ & ‘B’ duly filled in all respects shall be signed on each page by the tenderer. Any alteration, erasure or over-writing will render the tender invalid. Alteration neatly carried out and duly attested over with the full signature of the tenderer however is permitted.
- 2.1.9 No conditional / optional bid shall be accepted, and the bidders shall not be permitted to alter or modify their bids after expiry of the deadline for receipt of bids. Any deviation from the terms and conditions of this tender may render the bids liable for rejection.
- 2.1.10 The Name of the tenderer should be written or the contractor’s seal to be put on the sealed envelope.
- 2.1.11 The bidders are advised to study the tender document thoroughly. Submission of tender shall be deemed to have been done after careful study and examination of the tender document with full understanding of its implications. In case of doubt, written clarifications shall be obtained, but this shall not be a justification for late submission of the bid or request for extension of due date. Bids should strictly be in accordance with the tender terms and conditions and our specifications. The tenderer should submit the tender documents intact without detaching any page or pages.
- 2.1.12 All entries in the tender document should be in one Ink. Corrections, over writing, cuttings etc. are not permitted. All the columns in the tender form should be filled without leaving any column blank in any page of the tender. In case any of the columns is left blank, the tender would be rejected.

**SIGNATURE OF TENDERER**

**ACCEPTING AUTHORITY**

- 2.1.13 The price/rate % should be quoted in figures as well as in words.
- 2.1.14 Each and every page of tender documents should be stamped & signed by the tenderer. If in any case, unscheduled holiday occurs on prescribed closing/opening date, the next working day shall be the prescribed date of closing / opening for the bids.
- 2.1.14 Tender documents consisting of Part 'A' & 'B' duly should be deposited in the Vendor Complex, BHEL-RC Puram, Hyd-32 addressed to AGM/TA, Ramachandrapuram, Hyderabad-32 so as to reach on or before *11:00 hrs on Date: 01.09.2021* the tender documents may also be sent either by registered post / Speed Post / Courier so as to reach on or before the said date and time. Techno-commercial and Price Bid will be opened on the same day in the presence of tenderers or their representatives who are present for the tender opening.
- 2.1.15 For any further details required, Township Administration Department, BHEL, RC Puram, Hyderabad-32 may be contacted in person or through Telephone Nos. 040-23182232/23183585/5227 or Mob: 9948955536 or Mob: 8008809584
- 2.1.16 BHEL reserves the right to assess the capacity and capability of the parties for pre-qualification. The company also reserves the right to accept or reject any or all the tenders or any part thereof at any stage of process without assigning any reason whatsoever. The company has no obligation to accept the lowest tender. Offer of the Tenderer if prima-facie found not comparable with the quantum of work envisaged and the bid is a desperate effort to be L1, then the offer is liable to be rejected. BHEL's decision in this regard shall be final and binding.  
BHEL reserves the right to reject the tender of bidder, who committed default and having bad track record in execution of previous contracts in BHEL. For the purpose of this clause default and bad track record means violation of labour laws (such as non-payment of wages within time, non-payment of ESI, PF contribution , payment of bonus) and backing out from contract after reverse auction or after receipt of LOI / entering of agreement etc.,
- 2.1.17 PRICE BID - The tenderers are required to submit their quotation for all the items listed in the Price Bid format given along with the tender documents. The price should be quoted for each activity after careful study of the actual job requirement so that, in case the contract is awarded, contractor should not express any difficulty in execution of the contract. Price bid will be opened only for tenderers those who have qualified as per the pre-qualification criteria. The date of opening of price bid will be informed later to the qualified agencies in the technical bid. The ranking will be based on the price bid evaluation and work will be awarded to L1 agency.  
Printed condition at the back of the letter or bid from the tenderer will be ignored. If the bidders desire to have any clarification regarding the conditions of the tender, the tender should raise such issues at the pre-bid meeting. BHEL reserves the right to revise the terms and conditions of the tender after the pre-bid meeting.
- 2.1.18 The wage rates as intimated by State Government / HR-IR from time to time shall be applicable. The tenderer would be required to pay allowances/incentives as decided if any and communicated by BHEL. BHEL will not pay any additional amount other than the agreed amount.
- 2.1.19 VALIDITY OF RATES: The rates quoted should be valid for 120 days initially from the date of opening of the Techno-Commercial bid. Contract awarded rates shall remain firm during the Contract Period and up to completion of the contract.
- 2.1.20 REVERSE AUCTION: *NA*.
- 2.1.21 DISCREPANCY IN WORDS & FIGURE QUOTED IN PRICE BIDS:
- i) If, in the price structure quoted for the required goods / services / works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the 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 corrected accordingly.
  - ii) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
  - iii) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (i) and (ii) above.

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

- If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date up to which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored
- 2.1.22 In case of quantity-based work contracts, *the tenderer should quote the rates against each item keeping in view the prevailing applicable in consolidated wages /Bonus payable to workers/ BHEL wages (which consists of state Govt. minimum wages and additional payments), allowances and other statutory dues payable to workers if any and other obligations as per the statutory provisions and amendments thereto and also as directed by BHEL from time to time. BHEL will not pay additional amounts other than the agreed amount.*
- 2.1.23 BHEL reserves the right to award the contract to one or more contractors simultaneously as deemed fit at the initial stage or during the contract period.
- 2.1.24 BHEL reserves the right to reject any bid, which is technically unacceptable and unworkable. Further, BHEL also reserves the right to reject any or all tenders without assigning any reasons thereof.
- 2.1.25 BHEL reserves the right to cancel the contract at the initial stage or during the contract period without assigning any reason to the tenderer.
- 2.1.26 Wherever prescribed formats are specified for the tenderers use, he shall use the same for making his Claims.
- 2.1.27 Tender document should be complete in all respects.
- 2.1.28 Successful tenderers shall enter into an Agreement on stamp paper of Rs.200/- for having accepted the rates, terms and conditions of the contract as per the pro-forma given by BHEL.
- 2.1.29 The Offers should be in full conformity with the terms and conditions of this tender. No contra conditions are acceptable. Incorrect and incomplete tenders are liable to be rejected. Tenders not submitted in the prescribed forms will be rejected.
- 2.1.30 BHEL reserves the right to accept or reject any tender in part or full at their discretion without assigning any reason.
- 2.1.31 If a tenderer deliberately gives wrong information in his tender or creates conditions favourable for the acceptance of his tender, then BHEL reserves the right to reject such tender at any stage.
- 2.1.32 If the tenderer indulges in any unethical practice for securing the contract, the offer of such tenderer shall be rejected.
- 2.1.33 Any written communication required to be sent to the contractor in writing shall be sent at the address mentioned on the tender form or to any other address subsequently intimated by Contractor in writing to BHEL for the contract purposes or to his e-mail address.
- 2.1.34 **SITE VISIT:**
- a. Before submitting the bids, the tenderers are advised to inspect the site of work and its environments and be well acquainted with the actual working and other prevailing conditions, position of materials and workforce related procedures & practices. They should be well versed with BHEL General Conditions of Contract, Instructions to tenderers, drawings wherever applicable and specifications and all other documents which form part of the agreement to be entered into subsequent to award of work. The tenderers shall specially note that it is the tenderer's responsibility to provide any item which is not specially mentioned in the specification or drawing, but which is necessary to complete the work
  - b. The tenderer/Bidder and any of his authorized personnel or agents will be granted permission by the BHEL to enter upon its premises and lands for the purpose of site visit. However, the bidder shall express condition that he, his personnel, and agents will be responsible against all liability in respect thereof, including death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred because of the inspection.
  - c. The Bidder should inform the BHEL at least 2 days (time may be fixed in consultation with tender issuing authority) in advance about the proposed site visit. The Bidder, at his own responsibility and risk is encouraged to visit, inspect and survey the Site and its surroundings and satisfy himself before submitting his bid as to the form and nature of the Site, the means of access to the Site, the accommodation he may require, etc.
  - d. In general, Bidders shall themselves obtain all necessary information. A Bidder shall be deemed to have full knowledge of the Site, whether he inspects it or not and no extra claims due to any misunderstanding or otherwise shall be allowed. The cost of visiting the Site shall be at the Bidders' own expense. Any deviations of information in the report and the actual site will not be the responsibility of the BHEL.

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## 2.1.35 NOTES:

1. Period of contract shall be *07 (Seven) Months* from the Date of commencement.
2. Tenders are on two – part bid method (techno commercial bid and price bid).
3. All pages of the tender document should be signed by the person or persons duly authorized to sign, on behalf of the bidder along with the official stamp of the bidder. No paper/page shall be detached, and No addition or alternation should be made in the tender document. Conditional tender, late and delayed tender will not be accepted.
4. The tender documents may also be submitted through speed post or by post to reach within the stipulated date and time. BHEL is not responsible for any postal delay. Late submission of bids is liable for rejection. BHEL Township Administration shall not take any responsibility for any process of delay in receipt of the tender. Tender should be properly sealed. BHEL will not consider any tenders that are received in open condition. The tenders submitted by Telex/Fax etc., shall not be accepted and will be summarily rejected.
5. Tender bid without EMD and Tender cost as stipulated are liable for rejection.
6. Tender bid, agency, who is exempted from EMD and Tender cost shall enclose compulsorily NSIC certificate or Entrepreneurs Memorandum part II (EM II) certificate (valid based on deemed validity of 5 years) or EM II certificate along with attested copy of CA certificate applicable for the relevant financial year (latest audited) where the deemed validity of EM II is over, otherwise is liable for rejection. Bidders must furnish an attested copy of the exemption certificate indicating Date of registration, validity period of the registration, whether registered for items for which tender has been floated.
7. BHEL reserves the right to reject the tenders in part or in full without assigning any reasons.
8. The DD's against Tender Cost and EMD are to be enclosed in technical bid cover.
9. Covers: Common cover for technical and price bid are to be submitted, super scribing the name of work and NIT number on each over.
10. Tender will be finalised on lowest cost to BHEL. Tenderers should quote their tender percentage in the price bid. Estimate rate / Excess / Less to estimate rate and the quoted percentage will be applicable for all the items. Any conditional offer is not acceptable.
11. All the bills of the contractors will be cleared subject to the production of clearance certificate by the contractors in respect of compliance of all statutory requirements, issued by IR section of personnel department.
12. All the BHEL General Conditions of the Contract is applicable, if required that can be collected from the office of Planning Township Administration
13. Payment terms: - Every month after submission of bill by the contractor, as certified by Engineer-in-charge the bills will be released. Agency to raise invoice in line with GST rules.
14. The agency shall carryout the Electrical works, if any, through Grade-A or Grade-B Electrical License holder.
15. L1 vendor will be evaluated based on overall considered value.
16. Contractor shall provide the valid E-mail id and all the communication made to that E-mail id shall be treated as official correspondence.
17. Any clarifications sought from the contractors during the tender evaluation process, an email seeking clarifications and followed by two reminders through email will be sent with a response time of 2 days from the date of email and if no response is received from the contractor, it is treated as contractor does not possess required information sought and will be disqualified without any further notice. In cases where the contractor replies within the response time period of 2 days and seeks further extension of time, then BHEL reserves all its right to grant further time depending upon the reasonability of the case and all decisions taken by BHEL in this regard shall be final and binding on the contractor.
18. *If any contractor is found that, he had submitted fake certificates / documents during our verification, his offer shall be treated as disqualified without any further notice to contractor and suitable action as per the Guidelines for Suspension of Business Dealings with Suppliers/Contractors will be taken against the contractor.*
19. Any additional documents (over those mentioned in NIT) may be sought by BHEL for clarifications in processing of the tender. The contractor has to submit all the concerned documents asked by BHEL within the stipulated time.

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20. All the copies of certificates enclosed shall be attested by the contractor with seal.
21. All corrigenda, addenda, amendments, time extensions clarifications, etc. to the tender will be hosted on BHEL website ([www.bhel.com](http://www.bhel.com)) only (apart from unit website - if any). Bidders should regularly visit website(s) to keep themselves updated.
22. MSE suppliers can avail the intended benefits only if they submit along with offer, attested copies of either EM-II certificate having deemed validity (Two years from the date of issue of ' acknowledgement in EM-II) or valid NSIC certificate or EM-II certificate along with CA certificate (Format enclosed as per Annexure-I) applicable for the year, certifying quantum of investment in plant and machinery within the permissible limit as per the act for relevant status (Micro or small) where the deemed validity of EM-II is over. Date to be reckoned for determining the deemed validity will be the last date of technical bid submission. Non submission of such documents will lead to consideration of their bids at par with other bidders and MSE status of such suppliers shall be shifted to Non MSE supplier till the supplier submits these documents.
23. Documents submitted with the offer shall be signed and stamped in each page by authorized representative of the bidder.
24. The bidder along with its associates/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <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.
25. Bid should be free from correction, overwriting, using corrective fluid etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of person(s) signing the bid else bid shall be liable for rejection.
26. Agency shall submit the letter of time extension requirement of the contract within 15 days of non-execution of the contract by specifying the reasons for the delay for weaving of the penalty. Otherwise, delay of the work is attributed to agency and penalty may be imposed during those days / week delays.
27. Experience Certificate: For Completed contract, experience certificate will be issued as per BHEL rules and regulations.
28. BHEL Fraud Prevention policy: The Bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultants/service providers shall strictly adhere to BHEL Fraud Prevention policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice

#### 2.1.36 PENALTY CLAUSE:-

- a) A penalty of 0.5% of the gross value of work will be levied for every weeks delay in work subject to a maximum penalty of 10% of the gross value of work.
- b) If the contractor do not execute work / budget within stipulated time, 20% of unexecuted awarded value of work shall be imposed as a penalty and shall be recovered from the bills. This is in addition to point a.
- c) Any liquidity damages, a penalty of 0.5% of the gross value of work subject to a maximum penalty of 10% of the gross value of the work shall be recovered from the bills.
- d) If the agency could not able to pay the Security Deposit in time, a penalty of 10% per weeks delay on Security Deposit shall be implemented and shall be recovered from the running bills.
- c) If the agency could not able to start the work immediately after paying of Security Deposit, a penalty of 10% per weeks delay on execution of work shall be recovered from the running bills.
- d) Agency shall pay the wages as per the BHEL rules and regulations to the workers deployed otherwise a penalty of 0.5% will be implemented on the executed value of the work till date during that period.

#### 2.1.37 TAXES AND DUTIES WRT GST:

1. In case GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from vendor along with interest levied/liveable on BHEL.
2. In case vendor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from vendor/contractor along with interest levied / leviable on BHEL.

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3. The bidder shall arrange to send to BHEL, Hyderabad along with all the required documents as in Purchase Order, Tax Invoice (Original for Recipient) along with his bills.
  4. Vendor to ensure correct applicability of IGST/CGST/SGST/UTGST based on the Inter / Intra state movement Supply of goods and services or both.
  5. Taxes and duties prevalent on the contractual delivery date or the actual delivery date (in case of delay) whichever is lower shall be applicable paid. Composition Scheme to be addressed.
  6. Vendor shall note that the Invoice has to be raised quoting HSN Code of Goods or Accounting Code of Services or both wherever applicable.
  7. Invoice should mention BHEL-HPEP-HYDERABAD GSTIN: 36AAACB4146P1ZG or GSTIN of BHEL Nodal Agency as mentioned in PO.
  8. In case of any short supply of goods or service, Vendor has to raise a credit note for short supplied quantity as per GST provisions.
  9. Any GST liability arising on BHEL under reverse charge before actual receipt of goods and or services and/or invoice thereof would be subject to recovery of interest leviable for the period between the date of such liability and actual date of eligibility of ITC based on receipt of goods, receipt of invoices and other conditions specified in GST law, as applicable.
  10. Supplier shall mention their GSTN registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.
  11. A declaration to the effect that all tax liability as per GST rules and regulations shall be discharged.
- 3 GENERAL TERMS AND CONDITIONS:
- In these general conditions of contract, the following terms shall have the meaning hereby assign to have, except shall the context otherwise requires.
- i) The “Contract” means the documents forming the tender and acceptance thereof, together with all the documents referred to therein including general and special conditions to the contract. All these documents as applicable taken together shall be deemed to form the contract and shall be complimentary to one another.
  - ii) The “Contractor” means the individual, firm or company whether incorporated or not and shall include the legal representatives of such individuals around composing the firm or company or the successors of the firm or company and the assigns of such individual or firm or company and includes term “agency” referred to in the contract.
  - iii) “Work to be carried out”: The Contract shall include all labour and materials, tools and machinery which may be required for the execution of the work. The contractor/agency shall be deemed to have satisfied himself as to the nature of the work, facility of access and all materials affecting the execution of the work. No extra charges consequent on any misunderstanding in these aspects or otherwise will be allowed
  - iv) ‘Deviations’: The Contractor shall not carry out any work not covered under this contract expected in pursuance of the written instructions BHEL Authorities. The assignment of Transfer of Contract is not allowed.
  - v) The contract will be issued initially for a period of one year. The execution of contract shall be reviewed periodically. The requirement of actual work may vary according to the need and may be reviewed/reduced/enhanced as and when required during the contract period. Based on the satisfactory performance of the contract Agency and the duration of the contract may be extended for one more year, based on quarterly evaluation and recommendation of the BHEL Officer In-Charge.
  - vi) The bidder should ensure that the personnel deployed at BHEL Campus conforms to the STANDARDS prescribed in the Tender Document.
  - vii) The successful bidder should furnish the following documents in respect of each personnel deployed at BHEL Campus, before the commencement of contract.
    - a. List of trained personnel identified/selected by the agency for the deployment at BHEL, with Aadhar Card i.e. date of birth, age, address etc.
    - b. Character certificate from a Gazette Officer of the Central/State Government.
    - c. Certificate of verification of antecedents of persons by local police authority

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- viii) In case, the personnel employed by the successful bidder commits any act of Omission/Commission that amounts to Misconduct/Indiscipline/Incompetence/Security risks, the selected agency shall take appropriate disciplinary action against such personnel immediately when such instances are brought to the notice of the Agency, failing which it would amount to breach of contract and may lead to termination of contract.
- ix) The selected agency should provide identity cards to the personnel deployed at the BHEL R.C. Puram having the photograph of the personnel and personal information such as name, designation, address and identification mark etc., attested by the Addl. General Manager / TA or Estate Officer.
- x) The selected agency should ensure that any information related to pertaining to BHEL TA like Operational process, Technical know-how, Security Arrangements and Administrative/Organizational matters and so on are not divulged or disclosed to any person by their personnel deployed at the BHEL Campus.
- xi) The selected agency should ensure proper conduct of its personnel at BHEL campus, and shall ensure that, none of its employee will join duty after consuming of Alcohol/Smoking/Chewing of tobacco while on duty.
- xii) The selected agency should designate/deploy a field officer at its own cost who would regularly interact with officers of the BHEL TA, so that better co-ordination, services and utilization of optimal work force deployment could be addressed.
- xiii) The selected agency should immediately provide replacement for any persons Shift In-Charge who is (are) absent and ensure that as far as possible no designated post is left vacant in any shift. In case the agency fails to provide replacement within three working days appropriate penalty will be levied as provided in the terms and conditions of contract.
- xiv) BHEL is not liable at any stage to provide accommodation, transport, food, medical and any other requirement of the personnel deployed at the BHEL Campus.
- xv) Payment of bills will be made to the contractor on a monthly basis as per actual work done only. The contractor has to submit invoices/bills by the third week of the next month for the services rendered in the preceding month along with ESI/EPF/Service Tax/GST challans, as applicable, pertaining to that month to the BHEL Engineer In-charge. Attendance records should be furnished with the invoice.
- xvi) BHEL is the final authority for settling any disputes and the decision of BHEL, in any regard related to work shall be final and binding on all.
- xvii) BHEL Officer or any other officer authorized by Township Department Head, shall be at liberty to carry out surprise check on the persons as deployed by the Agency in order to ensure that personnel deployed by him are doing their duties proficiently.
- xviii) Cancellation of contract for bankruptcy, assignment, transfer, license or subletting of the contract: BHEL without prejudice to any other right or remedy which shall have accrued or shall accrue thereafter to BHEL shall cancel the contract in any of the following cases after the contractor.
  - a. being an individual or after a firm any approval thereof shall at any time be adjudged bankruptcy or received order for administration of industry or had received order for administration of estate made against him or shall take any proceedings for liquidation or composition under any bankruptcy Act or assignment of his assets of composition or arrangement for the benefit of its creditors or purport to do so or if any application made under the bankruptcy Act for the time being in force in respect of his estate or
  - b. being a company shall pass a resolution of the court or tribunal shall make an order for the liquidation of its affairs or a receiver or manager shall be appointed or circumstances shall arise which entitle the court to appoint a receiver or manager or assigns, transfers sublets or attempts to assign, transfer, license or sublet any portion of the work without the prior written approval of BHEL.
  - c. whenever BHEL exercise the authority to cancel the contract under this condition BHEL may have the work done by any means at the contractor of the risk and expenses provided always that in the event of the cost of the work so done (as served by the BHEL) which is final and conclusive being less than the contractors, the advance shall approve to the BHEL and after the cost expenses the money due to the contractor. The contractor either pay the excess amount ordered by BHEL or the same shall be recovered from the contractor by other means.
- xix) Cancellation of contract for contractor's default:

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If the contractor make default in carrying out the work and continues in that state after a reasonable notice from the BHEL or its authorized representative or fails to comply with any terms and conditions of the contract, BHEL made without prejudice to any other right or remedy which shall have been accrued or shall accrue thereafter to BHEL cancel the contract as a whole or in part. Whenever BHEL exercise the authority to consult the contractor as a whole or part, under this condition, BHEL may complete the work at the contractors risk and cost (as certified by the BHEL which is final and conclusive) being less than the contract cost, the advantage shall accrue to the BHEL. If the cost exceeds money due to the contractor under this contract, either the contractor shall pay the excess amount ordered by the BHEL or its authorized representative or the same shall be recovered from the contractor by other means.

- xx) The termination of the contract on the death of Contractor: Without prejudice to any of the rights or remedies under this contract, if the contractor dies or the firm is dissolving or the company is liquidated, BHEL shall have the option of terminating the contract without compensation to the contractor
- xxi) Special Power of Termination: If at any time after the award of the contract BHEL shall for any reason whatsoever not required whole or any part of the work to be carried out, BHEL shall give notice in writing of the fact to the contract who shall have no claim to any payment of compensation or otherwise how so ever on account of any profit or advantage which he might derive from the execution of the work in full, but which he did not derive in consequence of the foreclosing of the work.
- xxii) All expenses in preparation and submission of bids and visits to the office or any place in connection with the preparation of Bid shall be borne by Bidder. BHEL in no case shall be responsible or liable for these costs regardless of the outcome of the Bidding process.
- xxiii) The bid prepared by the Bidder including all correspondence etc. relating to his offer/ bid shall be in ENGLISH language only.

### 3.1 SPECIAL REMARKS:

1. In case the contractor is a Partnership Firm or a Company, the same should be a registered under the relevant Indian Partnership Act 1932 or Companies Act, 1956 and well established organization having at least three years existence in business consecutively for the past three years. If the contractor submits any false information related to the partnership firm, submitted bids will rejected without any prior intimation to the bidders, EMD will be forfeited applicable actions will be implemented as per BHEL rules and regulations.
2. The Successful tenderer has to get the license from central Labour Dept., (if applicable) under Contract Labour (Regulation & Abolition) Act 1970 for the areas and nature of work, which they will be performing as part of the contract. Suitable documents shall be submitted as per the requirement by BHEL.
3. Tenderer should have independent ESI Employer code under ESI Act 1948.
4. Tenderer should have independent PF code under Employee Provident Fund and Miscellaneous Provisions Act 1952.
5. Photocopy of letter from ESI Corp. and PF Commissioner's Office to establish that tenderer is independently registered as an employer under ESI and PF to be produced.
6. The tenderer shall also mention the PAN Number issued by Income Tax Department, copy of the PAN card or PAN number allotment letter shall be submitted along with the tender documents.
7. There should be no litigation or charge under investigation / enquiry / trial against the Tenderer, or conviction in a court of law or suspension or blacklisting by any organization on any ground. Tenderer shall confirm this in the Declaration. During the course of work, if any such information comes to light, the contract may be terminated.
8. The opinion / decision of BHEL regarding the bid shall be final and conclusive. BHEL reserves the right to reject any or all the bids at any time without assigning any reason.
9. In case the tenderer has a relative employed in BHEL, the authority inviting tender shall be informed of this fact in writing at the time of submission of tender, failing which the tender may be disqualified, or if such fact comes to light subsequently, the contract may be terminated.
10. For the works which are continuous in nature, and which require regular interaction and monitoring, the contractor shall have an Office/Establishment in Hyderabad. Absence of such an arrangement may lead to disqualification of the Tenderer.

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11. Contractor shall obtain Labour License (Central / State Government) before commencement of work as applicable.
12. In case Contractor engages labour from outside Telangana State to execute the said work, he is required to obtain licence under Inter State Migrant Workmen (RE&CS) Act 1979.

### 3.2 EARNEST MONEY DEPOSIT:

- 3.2.1 An amount of Rs.12,000/- towards EMD shall be paid by Demand Draft/Banker's cheque drawn on any nationalized bank / scheduled bank in the name of "Bharat Heavy Electricals Limited" payable at Hyderabad and shall be enclosed to the tender bid. No other means of payment shall be accepted. EMD / any money due to the tender by BHEL shall not carry any interest.
- 3.2.2 Tenders received without EMD as specified above shall be rejected. If EMD accompanies price bid, such bids shall not be considered and will be rejected. No adjustment of EMD shall be made with EMD submitted earlier with other tenders of BHEL or any outstanding amount. If EMD is not in line with amount called for, the EMD as well as the quotations will be returned and unopened to the tenderers.
- 3.2.3 EMD of unsuccessful bidders shall be returned promptly upon award of Contract and EMD of successful bidder will be returned upon the bidder's accepting the contract and furnishing the requisite security deposit.
- 3.2.4 EMD may be forfeited if after opening of tenders, a tenderer revokes his tender or increases his earlier quoted rates or after acceptance of his tender does not commence the work in accordance with the instructions of BHEL
- 3.2.5 The EMD will be forfeited if the accepted tender is withdrawn. If only a part of the work included in the tender had been awarded to the tenderer, proportionate amount of EMD will be retained.
- 3.2.6 The Contractors who are having one time EMD certificate shall submit copy of the certificate towards exemption for payment of EMD for the work.

### 3.3 SECURITY DEPOSIT

- 3.3.1 Upon acceptance of his tender bid, the successful tenderer must deposit Security Deposit within 15 DAYS from the date of issue of letter of intent. Security Deposit should be collected from the successful tenderer. Date of commencement of work shall be within 15 days from the date of issue of Letter of Intent. A penalty of 10% per weeks delay shall be implemented and shall be recovered from the running bills for that billing period. The rate of Security Deposit will be as below:

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.
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- 3.3.2 The successful tenderer on receipt of letter of intent can convey his acceptance in writing for conversion of EMD into security deposit.
- 3.3.3 If the work is awarded, the agency has to pay 50% of SD in advance on contract value before commencement of work after adjusting of EMD amount.
- 3.3.4 Security Deposit may be furnished in any one of the following forms.
  - i) Pay Order, Demand Draft in favour of BHEL
  - ii) Local cheques of scheduled banks, subject to realization.
  - iii) Securities available from India Post such as National savings Certificates, Kisan Vikas Patras etc.
  - iv) Bank Guarantee from scheduled Banks / Public Financial Institutions as defined in the Companies Act subject to a maximum of 50% of the total security deposit value. The balance 50% has to be remitted either by cash or in the other form of security. The Bank Guarantee format should have the approval of BHEL
  - v) Fixed Deposit Receipt issued by scheduled Banks / Public Financial Institutions as defined in the companies Act. The FDR should be in the name of the contractor, A/C BHEL, duly discharged on the back.
  - vi) Security Deposit can also be recovered at the rate 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 the balance 50% will be recovered from the running bills.
  - vii) EMD of the successful tenderer shall be converted and adjusted against the security deposit.

Note: Acceptance of Security Deposit against Sl. No. (iv) and (vi) above will be adjusted 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.

**SIGNATURE OF TENDERER**

**ACCEPTING AUTHORITY**

- 3.3.5 Failure by the successful tenderer/bidder to deposit the security deposit amount as mentioned above within the stipulated time, which will include any extension that may be granted by the authorities, will render his earnest money deposit liable to forfeiture and his tender shall be consider as withdrawn. Security Deposit shall not be refundable to the contractor except in accordance with the terms of the contract.
- 3.3.6 The Security Deposit will be released along with the final bill or after completion of maintenance period for the work, whichever will be later, subject to the condition that nothing is outstanding against the Contractor.
- 3.3.7 No interest shall be payable by BHEL on EMD or SD or any money due to the contractor by BHEL.
- 3.4 **STATUTORY REQUIREMENTS:**
- 3.4.1 *While quoting the rate, the tenderers are advised to take note of consolidated wages /Bonus payable to workers/ BHEL wages (which consists of state Govt. minimum wages and additional payments), allowances and other statutory dues payable to workers. BHEL will not reimburse any additional amount paid by the agency to his workers. It is the agency responsibility to pay all the statutory payments to his workers and agency shall quote his prices considering the all the statutory payments.*
- 3.4.2 The tenderer will be required to comply with all the statutory provisions such as Bonus (% as prevailing in BHEL RC Puram), PF (12%), EDLI (0.5%), ESI, Gratuity, GST and other applicable taxes, minimum Wages prevailing at the time of payment or arrears thereof, declared Holidays, leave, TS Labour Welfare Fund etc. The contractor shall submit the documentary evidence of payment on account of submission of statutory payments made to the concerned agencies every month and same may be submitted for clearance of bill.
- 3.4.3 The tenderer shall comply with the provisions of the Factories Act 1948, Contract Labour (Regulation and Abolition) Act 1970, ESI Act 1948, Employees Provident Fund and Miscellaneous Provisions Act 1952, Minimum Wages Act 1948, Payment of Gratuity Act 1972, Industrial Disputes Act, 1947, Payment of Bonus Act 1965, Employers Liability Act 1938, Inter State Migrants Workmen (Regulation of employment and conditions of Service) Act 1979 Labour Welfare Fund Act, and or any other Laws and Rules that may be applicable from time to time to the workers engaged by him. The tenderer, when required by the Company shall produce the registers and records for verification and comply with other directions issued by the company for compliance of the statutory provisions.
- 3.4.4 The tenderer shall fully indemnify the loss if any caused to BHEL due to any default or non-observance of any of the laws, or any omission or commission or inability on the part of the Tenderer or his representative.
- 3.4.5 The tenderer shall, keep and produce for inspection at all times, forms, registers and other records required to be maintained under various statutes in order to enable scrutiny by the Company whenever required.
- 3.4.6 The tenderer shall produce to the Company, the documentary proof of payment of the said statutory dues. Non-observance of the provisions will be construed as default by the Tenderer in making such payment, and payment of his bill will be deferred despite other legal action.
- 3.4.7 The Income tax as applicable will be deducted from the bill of the contractor.
- 3.4.8 Each tenderer will be required to maintain the daily attendance of his labours in the prescribed Pro-forma for accounting payment of wages, deduction towards ESI & PF Contributions, payment of Bonus, leave etc.
- 3.4.9 The tenderer will have to follow the provisions of Payment of Bonus Act 1965 and Rules 1975, and is liable to pay Bonus to his workers.
- 3.4.10 The tenderer will have to extend paid National Holidays and Festival Holidays to their workmen as per BHEL RC Puram direction or as per the provisions of the relevant Act and the Rules thereof. However, if due to exigencies of work the contractor engages his workmen on National Holidays or Festival Holidays contractor shall pay additional wages as prescribed under the provisions of the Act.
- 3.5 **MANPOWER:**
- 3.5.1 The contractor shall not engage a person who is less than 18 years of age.

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- 3.5.2 The contractor shall be responsible for safety of his workers while they are engaged for work connected with the contract. The Contractor shall be responsible for the appropriate usage of the Uniform and PPE's by their workers.
- 3.5.3 The contractor, as the employer of his workers, shall manage them. In the event of any dispute arising between the Tenderer and his employees, the Tenderer alone is solely responsible for resolving the dispute between them and BHEL will in no way be responsible for settling the dispute either statutory or otherwise.
- 3.5.4 The contractor will be solely responsible for executing the agreed work and the employees of BHEL will only oversee the proper execution of work. The contractor or his representatives shall be available in the factory to control and supervise his workers and take down instructions from the designated officials of BHEL. The cost of deployment of Supervisor has to be borne by the Contractor.
- 3.5.5 The contractor shall have full control over his workers w.r.t determining service conditions, discharge, dismiss, or otherwise terminate their services at any time. The contractor shall be solely responsible for any claim arising out of employment or termination of employment of his employees and for statutory payments.
- 3.5.6 The contractor shall employ only such personnel who are medically fit. The company has right to direct the contractor to remove from the premises such of his personnel who may be physically, hygienically, clinically or medically unfit.
- 3.5.7 The contractor shall employ only such personnel who have not been found unfit for employment in Organizations such as Central/State/Public Undertakings by the Police authorities. Persons against whom criminal cases are pending or under investigation and persons found guilty of offences involving moral turpitude shall not be engaged for executing work.
- 3.5.8 The Contractor shall comply with all the operational rules and regulations, including safety and security rules framed by the company from time to time wherein the Contractor or his workers happen to be operating / working. In the event of any of the workers of the contractor violating any of the said rules and regulations, the Contractor would be required to remove forthwith such workmen from the company's premises.
- 3.5.9 Out of total workers to be deployed the Contractor shall to the extent possible to deploy 15% scheduled castes and 7.5% of scheduled tribe community.
- 3.5.10 SAFETY:
- i) All safety equipment such as safety belts, helmets & other equipment (as required for this work) are to be positioned by the contractor & used as per requirement.
  - (ii) Any casualty or damage caused to the property or person by any untoward incidents while executing this contract will be at the contractor's risk & cost.
  - (iii) Violation of applicable safety, health & environment related norms, a penalty of ₹5,000.00(Rupees Five thousand) per occasion shall be imposed.
  - (iv) Violation as above resulting in any physical injury a penalty of 0.5% of the contract value shall be imposed (maximum of ₹20,000.00) per injury in addition to ₹5,000.00 as mentioned above.
  - (v) **COMPENSATION IN CASE OF DEATH / PERMANENT INCAPACITATION OF PERSON DUE TO UNINTENDED / UNFORESEEN OCCURRENCES**  
BHEL shall recover the amount of compensation paid to victim(s) by BHEL towards loss of life / permanent disability due to an accident which is attributable to the negligence of contractor, agency or firm or any of its employees as detailed below.
    - a) Victim: Any person who suffers permanent disablement or dies in an accident as defined below.
    - b) Accident: Any death or permanent disability resulting solely and directly from any unintended and unforeseen injurious occurrence caused during the manufacturing/ operation and works incidental thereto at BHEL factories/ offices and precincts thereof, project execution, erection and commissioning, services, repairs and maintenance, troubleshooting, serving, overhaul, renovation and retrofitting, trial operation, performance guarantee testing undertaken by the company or during any works / during working at BHEL Units/ Offices/ townships and premises/ Project Sites.
    - c) Compensation in respect of each of the victims.
      - (i) In the event of death or permanent disability resulting from Loss of both limbs: Rs. 10,00,000/- (Rs. Ten Lakhs).

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(ii) In the event of other permanent disability: Rs. 7,00,000/- (Rs. Seven Lakhs)

d) Permanent Disablement: A disablement that is classified as a permanent total disablement under the proviso to Section 2(I) of the Employee's Compensation Act, 1923

**3.6 PERIOD OF CONTRACT & MINTENANCE PERIOD / DEFECT LIABILITY PERIOD:**

- i) The contract shall be for a period *Of 07 (Seven) Months.*
- ii) Maintenance period is *Six (6) Months.*
- iii) During contract period, all damages / repairs shall be rectified by the contractor free of cost to BHEL up to the satisfaction of Engineer – in – charge.
- iv) During the contract period, BHEL shall not give any free issue materials to the contractor. Contractor shall bear everything to rectify the repair up to satisfaction of the Engineer – in – charge.
- v) All shall be borne by the contractor. If required, on written request, free issue material shall be issued to the contractor at penal rates.
- vi) BHEL is at liberty to terminate the Agreement by giving 15 days notice in writing.
- vii) Any increase in rates or any wages during the work, agency shall bear the difference amount to pay, BHEL does not pay any additional amount other than the agreed amount.
- viii) The parties, if mutually agreed upon, may extended the period of contract in parts or full for a maximum period of upto one-year subject to performance of the contractor as certified by Engineer-in-charge. The terms and conditions of the agreement remains same.

**3.7 PAYMENT TO THE CONTRACTOR:**

- i. Normally, the periodicity of payment to the contractor shall be on a calendar month basis. The Contractor shall raise the bill for payment as per the contractual terms & conditions mentioned in the contract, which should be duly certified by the BHEL official in charge of the contracted work. The Contractor shall raise the bill for payment as per the contractual terms and conditions mentioned in the contract, duly supported by attendance sheet for all the contract labours capturing therein for each of the Contract labour total time engaged during each day on the job and the same to be duly certified by the BHEL official in charge of the contracted work. Contract is to be expressed both in terms of required categories of labour and number of labours against each category to ensure that the contractor discharges all the contractual and statutory obligations in respect of labours engaged on the job. At the same time required output in terms of units, tonnage etc. is also to be stated to correlate achieved output vis-à-vis desired output. Following conditions shall be adhered strict during the contract period:
  - a. In case there is fall in the achieved output vis-à-vis desired output, contractor is to be warned in two spells.
  - b. If the unsatisfactory performance repeats, contract is liable to be short closed.
- ii. The Contractor shall initially pay the wages, and other statutory payments etc., with in the specified time, related to his workmen and then claim work executed bills from BHEL. The contractors would be required to submit their Claims along with the proof of payment of wages, PF, ESI etc., to the respective Departments. The claims will be scrutinized and certified for payment by the respective department and forwarded to Accounts Department along with HR/IR clearance certificate for effecting payment.
- iii. The Contractor shall provide two pairs of Uniform along with stitching charges and Gumboots per year, plastic or rubber gloves for every two weeks, and one mask for every 3 days to each of his workers and cap as specified by BHEL.
- iv. The contractor shall pay bonus to all his workmen as per the applicable provisions of the payment of Bonus Act 1965 and its rules if applicable for the contract period. BHEL will not reimburse any additional amount paid by the agency to his workers.
- v. The contractor shall provide Personal Protective Equipment including one pair per year safety shoe of standard specified by BHEL safety department and two pair socks to all his workers during the contract period.

**3.8 IMPLEMENTATION OF PRICE VARIATION CLAUSE:**

1. Any increase in DA or any wages during the contract period or during extended period, agency shall bear the difference amount, BHEL does not pay any differential amount to the agency. The prices will remain firm throughout entire contract period and extended period.

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2. Unit rates shall be firm and do not vary due to increase in wages / material cost / Petrol / oil / lubricants etc.
3. Unit rates shall be firm till completion of the contract.
4. Unit rates shall be firm and do not vary even in case of deviation of individual items or whole contract on excess as well as on lower side.
5. PVC Clause shall not be applicable for this work.
6. ORC shall not be applicable.

**3.9 FAILURE TO COMPLY WITH CONTRACT:**

- i) Notwithstanding anything contained in any other clause, BHEL reserves the right to terminate the contract due to any failure on the part of the Tenderer 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 Tenderer shall be final and binding on the tenderer.
- ii) In case of any damage to the existing building, structures, materials, tools, furniture and fixtures, machines etc., caused from contractor's end directly or indirectly, the cost of its repairs or replacement will be recovered from the contractor. If there is any work stoppage in any area of the Plant due to the fault of the contractor, the contractor is liable to compensate the same.
- iii) In the event of any failure on the part of the tenderer, BHEL shall have the right without prejudice to any other right or remedies, to get the work done through any other agency and the Tenderer shall be liable to compensate BHEL for any losses on this account. The additional cost, loss, if any incurred by BHEL will be recovered from the bills, security deposits, other dues, directly from the Tenderer or by initiating appropriate legal action.

**3.10 SUB-CONTRACTING:**

The contractor shall not sub-contract or transfer or assign the contract in full or any part thereof to any other person, firm, or company without the previous express written approval of BHEL.

**3.11 LAWS GOVERNING THE CONTRACT:**

- i. The contract will be governed by the Laws of India for the time being in force and as amended or made from time to time.
- ii. All disputes shall be settled in accordance with the Laws of India for the time being in force and as amended from time to time.
- iii. All disputes arising out of or in relation to this contract or Agreement shall be settled by mutual discussions through Conciliation and in the event of failure of conciliation, such disputes shall be referred to Arbitration in accordance with the provisions of Arbitration and Conciliation Act, 1996.

**3.12 LEGAL JURISDICTION:**

- i) In respect of all matters arising out of or pertaining to the contract, the cause of action thereof shall be deemed to have arisen only at RC Puram, Hyderabad, where BHEL - HPEP is situated. All legal proceedings pertaining to the above matters or dispute shall be instituted only in courts having territorial jurisdiction over the place where BHEL-HPEP is situated and no other court shall have the jurisdiction.

**4.0 DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR:**

- 4.1 The duties, responsibilities and obligations of the contractor including statutory responsibilities mentioned in this document are indicative and not exhaustive. Contractors are required to confirm with the concerned authorities for proper and complete compliance.
- 4.2 The contractor will abide by the provisions of Child Labour (Prohibition & Regulation) Rules 1988. He should issue appropriate Appointment Letter to his Workmen.
- 4.3 The following documents / forms under Contract Labour (Regulation & Abolition) Act 1970 and relevant rules therein shall be maintained by the contractor:
  - (i) A notice showing the wage period and date of disbursement of wages to be displayed at the place of work and a copy sent by the contractor to the HR Department (Rule 75).
  - (ii) A register of workmen Form XIII (Rule 75)
  - (iii) Employment card Form XIV (Rule 76)
  - (iv) Service Certificate Form XV (Rule 77)
  - (v) Muster Roll, Wage Register, Deductions Register, overtime Register Etc.
  - (vi) Half yearly return to be sent (In duplicate) by the contractor to the licensing officer. Form – XXIV (Rule 82 (I)) with a copy to HRM Department regularly.
  - (vii) All statutory registers and records shall be preserved in original for a period of Ten years

**SIGNATURE OF TENDERER**

**ACCEPTING AUTHORITY**

- and should be made available even after the contract is over for verification.
- 4.4 The contractor shall comply with the provisions of Contract Labour (R & A) Act 1970 including provisions relating to welfare and Health facilities as provided under the Contract Labour (R& A) Act 1970 and relevant rules.
  - 4.5 All the Contractors shall submit the half yearly / yearly returns to Regional Labour Commissioner (Central), Hyderabad or appropriate authority as required under contract Labour (Regulation & Abolition) Act 1970 and forward a copy to HR Department.
  - 4.6 BHEL, HPEP, RC PURAM – Hyderabad is a Notified Area under the provisions for ESI Act 1948. The contractor shall comply with the provisions of ESI Act, and will be responsible for any liability arising during the tenure of the work contract under the Act. The contractor should ensure ESI coverage and facilities to his workers (i.e. ESI code no. and ESI card etc.) as per ESI Scheme from ESI authorities including Medical Benefit etc.,. The contractor shall arrange for filing of family declaration forms in respect of their contract labours and deposit the same in ESI office for issue of Identity card by ESI authorities. The contractor may deduct required ESI contribution from the wages of their employees as per law and deposit the same (Employees share) along with his contribution to the ESI authorities.
  - 4.7 Workmen insured under ESI Act only shall be deployed in contract work. For the Persons not covered under the provisions of ESI Act, the contractor shall take required insurance under Employees Compensation Act 1923 with medical benefit.
  - 4.8 The tenderer shall submit bi-annual return in Form 6 along with monthly Challans to the appropriate authority under the provisions of Employee's State Insurance Act 1948, under intimation to HR Dept.
  - 4.9 Notwithstanding anything contrary to this, in the event of accident, the contractor shall be required to submit accident / injury report to the concerned authorities with a copy of the same to the designated BHEL Executive immediately and ensure the compliance of the ESI Act and rules made therein.
  - 4.10 The tenderer shall submit the following returns to the appropriate authority under the provisions of Employee's Provident Fund and Misc. Provisions Act 1952, Employees Pension Scheme 1995 under intimation to HR Dept.
    - (i) Monthly return in Form 12 A along with form 5 & 10 (addition and deletion) and monthly Challan or any other form as modified by PF authorities
    - (ii) Annual Return in Form 6A along with Form 3A. (till this procedure is discontinued by the PF authorities)
  - 4.11 The Contractor shall maintain the following records as required under the Employees Provident Fund And Miscellaneous Provisions Act 1952, Employee's Pension Scheme 1995:
    - Declaration of Nomination, Form No.2 Para 33 and 61 (1).
    - Attendance.
    - Wage Register.
    - Any other documents / registers as required
  - 4.12 The contractor shall regularly on or before prescribed date of every month pay the amount of contribution (employer's contribution as well as the employee's contribution) as per the Employee's Provident Fund and Miscellaneous Provisions Act 1952, Employees Pension Scheme 1995 and Employee's State Insurance Act 1948
    - i. The contractor may recover from his workmen, the employee's contribution in accordance with the provisions of the said act and the Scheme but shall not recover the employer's contribution or the other charges from his employees in any manner.
    - ii. The contractor shall submit along with monthly bills to BHEL, statement showing the recoveries of contributions in respect of employees employed by or through him along with the proof of Deposit of such contribution with the Concerned Authority and shall also furnish to BHEL such information, in the capacity of principal Employer, as required to be furnished under the provisions of the schemes under the Employees P.F. and Misc. Provisions Act 1952 and ESI Act, 1948 to the authorities under the said Acts.
    - iii. The Contractor shall arrange for his own P.F. and ESI Code Number from the PF and ESI authorities respectively. The expenditure incurred by the contractor towards payment of the

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Employers Contribution and PF Administrative charges is already included in the estimated price of BHEL.

- 4.13 In case of revision of Wage/DA by appropriate Government or by BHEL after the award of work, BHEL will not bear any difference of increase during the execution of the work. Agency has to bear the differentially amount, BHEL will not pay any differential amount to the agency other than the agreed amount.
- 4.14 The contractor shall maintain Form D as per Rule 5 of the Payment of Bonus Act, 1965. The contractor is further liable to pay bonus to his employees in accordance with the payment of Bonus Act 1965.
- 4.15 The contractor will be required to contribute towards gratuity payment of his employees (contract workers) required as per Payment of Gratuity Act. He will also be responsible to pay retrenchment compensation under the Act. In case of short closing of contract by either side, the Contractor shall settle all dues payable to workmen including Bonus on last working day.
- 4.16 In case the contractor employs women, he will discharge his obligation under law in respect of such women workers such as prohibition of engaging them during night hours, prohibition of employing them more than 9 hours per day, provision of crèche facility, grant of maternity leave as per rules etc.
- 4.17 The Wage period for the Workmen of Contractors engaged on long contracts shall be Calendar Month and the contractor shall be responsible for making payment of wages within 7 days of the closure of the wage month (on 07th day of the calendar month following the wage month) The disbursement shall be preponed to the 6th day, if the 7th day happens to be a holiday. The Contractor would be required to open an Account for Electronic Fund Transfer (EFT) of his Bills/Claims from BHEL as well as EFT of wages/OT/other payments of his workmen from his Bank Account to the Bank Accounts of his workmen so that risks associated with cash transactions can be avoided.
- 4.18 The Contractor shall be required to issue monthly Wage slips /OT Slips to their workmen. Further, the Contractors claims are to be accompanied by a Certificate from BHEL Official certifying that “the Wage /OT Slips for the previous month/current month have been issued by the contractor to all their workmen”. Further, the contractor would be required to issue Annual PF Statement from the PF Authorities for all his workmen engaged in BHEL HPEP, RC PURAM, HYD -32 before submitting Claim for refund of Security Deposit for the respective years.
- 4.19 In case contractor fails to make payment of wages to his employees or remittance of contribution to the concerned authorities, the Security deposit / other dues payable under the contract can be utilized by BHEL to discharge the liability of the contractor.
- 4.20 The workmen of the contractors shall wear uniform while attending duty in BHEL campus. The uniform shall be provided by Contractor to his workmen. The Contractor/his authorized representative shall ensure wearing of the Uniform by his workmen in the BHEL premises.
- 4.21 The liability for compensation on account of injury sustained by an employee of the contractor will be exclusively that of the contractor.
- 4.22 NATIONAL & FESTIVAL HOLIDAYS (as declared by BHEL): The contractor will give paid National Holidays and Festival Holidays to the workers as per Section 5 of National and Festival Holidays Act. However, if due to the exigency of work if any of his workmen is required to work on National Holiday or Festival Holiday, the contractor has to pay wages as per Section 5, sub section 2 and 3 of the said Act.
- 4.23 Besides the four national holidays i.e. 15<sup>th</sup> August, 26<sup>th</sup> January, 2<sup>nd</sup> October and 1<sup>st</sup> May (May Day) if Govt. declares any other day as a national holiday same will be treated as paid holiday for the purpose of this contract. Accordingly the contractor shall be required to provide paid holiday to its workers for the same. If any of the contract worker works on such additional declared national holiday, he will be entitled to additional wage for the said day.
- 4.24 In addition to the above holidays mentioned at Clause 4.22, in the event the Central / State Government declares any other holiday/s and if such Holiday/s is/are applicable to BHEL, RC Puram, Hyderabad also, then the tenderer/contractor shall extend paid Holiday/s to his workmen. The tenderer shall take into account all such occasions while quoting in the tender.
- 4.25 GENERAL ELECTIONS: If the general elections are held for State Assembly / Parliament and Government declares a public holiday for exercising the franchise, the contractor shall give their

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**ACCEPTING AUTHORITY**

- workmen half day leave in "First" shift only. The contractor's workmen working in "Second" and "Night" shifts will be required to exercise their franchise during their own time.
- 4.26 The Contractor shall maintain the following Documents, Registers, Forms as required under the FACTORIES Act 1948 and Rules 1950 thereof:
- |                    |             |
|--------------------|-------------|
| (I) Leave Register | Form No. 15 |
| (II) Nomination    | Form No. 25 |
- 4.27 The contractor will extend leave with wage to his workers @ of one day for every 20 days work. To facilitate the proper execution of the Factories Act, these leaves shall be allowed during the same calendar year. The contractor will pay the un-availed portion of leave in cash along with monthly wages / at the end of Contract period.
- 4.28 Contractor has to ensure that all his workmen are granted one day weekly off after every 48 hrs. of working. The workmen working for more than 48 hours in any week shall be paid wages twice the ordinary rate of wage in accordance with the provisions of Section 59 of the Factories Act, 1948 read with the A.P Factories Rules 1950.
- 4.29 The contractor shall follow safety rules and regulations as per provisions of Factories Act 1948, and Rules at his own expense and arrange for the safety provisions as appended to these conditions or rules framed by the government from time to time.
- 4.30 Refund of Security Deposit: Security Deposit of contractor will be refunded only after the expiry of the contract period and based on the certification of successful completion of the contract and payment of PF, ESI and applicable statutory dues by the concerned Officials / department and submission of an Undertaking from the contractor, that in case of Claims from any of the statutory authorities, the same would be indemnified by the Contractor.
- 4.31 The Contractor shall be required to deposit GST as applicable as assessed by Central Excise Authority (GST cell) Hyderabad before 15th of the following month, if same is applicable as per rules in force from time to time. The amount so spent can be claimed from BHEL after submitting the proof of the same.
- 4.32 Contractor shall inform his PAN to BHEL. Income tax as applicable will be deducted at source by BHEL from the bills of contractor.
- 4.33 All the Registers and Records, forms, Notices maintained under the relevant Acts and Rules should be produced on demand before the Inspector or any other authority under the Act, failing which the contract may be terminated without any notice.
- 4.34 Contractor shall be required to submit a list of his workers to be deployed for the works contract giving details regarding Name of contract worker, Fathers Name, permanent and Present Address, Date of Birth, Qualification, Caste-SC/ST/OBC, ESI No, PF No. and the family details.
- 4.35 The contractor shall abide by all the labour legislations and other laws including the provisions of Contract Labour (Regulation & Abolition) Act, 1970, the Factories Act, 1948, the Payment of Wages Act, 1936, the Minimum Wages Act, 1948, ESI Act, 1948, Employee Provident Fund Act, 1952, AP Labour Welfare Fund Act, Payment of Bonus Act 1965, Payment of Gratuity Act 1972, and other relevant Acts applicable to his workmen under this Contract.
- 4.36 BHEL shall be indemnified against all losses, Claims, prosecutions etc. under any law.
- 4.37 The contractor shall promptly furnish all information and document required by BHEL authorities for the purpose of complying with the responsibilities of Occupier of the factory and shall render all the necessary assistance for the same.
- 4.38 The contractor will maintain proper discipline of his workmen and will ensure that his workers do not cause any loss or theft or damage to any company's property. The contractor will also be responsible for the good conduct of his workmen.
- 4.39 The contractor shall ensure and maintain uninterrupted progress of the work in accordance with instructions given to him on behalf of BHEL from time to time.
- 4.40 In case the contractor makes default in commencing the work within the time specified by BHEL without any reasonable cause, disputes any of the terms and conditions of the contract or refuses to execute the contract or any part thereof at any stage, the contract shall, without prejudice to any other right or remedies available to BHEL, be liable to be cancelled / terminated in part or in whole. In the event of such cancellation / termination of contract, the contractor shall be liable; to compensate BHEL for all losses incurred by BHEL including the loss suffered on account of having the work executed through any other contractor or department as may be convenient to BHEL, in

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accordance with the exigencies of the work. In case only a part of the contract is cancelled, the remaining portion of contract may be allowed be executed by the contractor.

- 4.41 The Contractor shall without fail give up-to-date information in writing of the attendance of the workers engaged by him. The Contractor will also submit the required documents and certificates as prescribed from time to time for the clearance and the payment of the Bill.
- 4.42 Whenever any sum of money is found to be recoverable from or payable by the contractor, the same will be deducted from any sum that may due or which at any time there after becomes due to the contractor under this contract or under any other contract or from his security deposit. In case the recoveries are not complete even after such deduction, the contractor shall pay the same or the balance thereof from the security deposit. The contractor shall immediately thereafter pay such further sums as may be required to replenish the shortage caused by such recoveries in the amount of security deposit.
- 4.43 During the currency of contract, if the contractor is awarded any other job work contract in BHEL, the contractor will have to inform the designated BHEL official before accepting the other work.
- 4.44 In case of failure on the part of the contractor to execute the work awarded to him within the stipulated time, the sum equivalent to the EMD as per BHEL Works Policy shall be forfeited as per the Undertaking provided by tenderers, after a week's notice issued by the awarding officer and BHEL may in its discretion award the contract to any other party.
- 4.45 In case of any extra work executed by the contractor, the contractor will be paid on pro-rata basis.
- 4.46 All the Terms and Conditions as mentioned in Work Order will also form a part of the Agreement.
- 4.47 BHEL shall have the right to deduct any sum from the bill of the contractor for making good the loss suffered by a worker or workers by reason of non-fulfilment of the conditions of the contract, Non- payment of wages or of deduction made from his or their wages which are not justified by the terms of the contract or non-observance of the said contract Labour regulations.
- 4.48 The contractor shall be responsible for observance of local laws, employment of personnel, payment of taxes etc. As far as possible, workers shall be engaged from the local areas in which the work is being executed.
- 4.49 The contractor shall be wholly responsible for the behaviour of the workers at the work place and outside, in the BHEL premises.
- 4.50 The contractor shall be responsible for safe custody of BHEL's property like materials, tools etc., entrusted to him and if necessary arrange insurance at his own expense.
- 4.51 The contractor shall be responsible to make good and rectify at his own expense any defect, which may develop or may be noticed within the period of the contract.
- 4.52 BHEL shall be entitled to recover any payment made on behalf of the contractor under any law or Otherwise.
- 4.53 BHEL Officer In-charge shall have the right to stop the work at any stage or at any time by giving the contractor seven days' notice in writing.

## **5.0 ARBITRATION & CONCILIATION:**

### **CONCILIATION:**

The parties agree that if at any time, any disputes (which term shall mean and include any dispute, difference, question or disagreement arising in connection with construction, meaning, operation, effect, interpretation or breach of the agreement, contract or the memorandum of understanding, which the parties are unable to settle mutually, arise inter-se the parties, the same may, be referred by either party to conciliation to be conducted through independent experts committee to be appointed by competent authority of BHEL from the BHEL panel of conciliators.

The proceedings of conciliation shall broadly be governed by Part-III of the arbitration and conciliation Act 1996 or any statutory modification thereof.

The Annexure together with its formats will be treated as if the same is part hereof and shall be as effectual as if set out herein in this GCC/Agreement/Contract/MOU etc.

The purchaser/contractor/seller etc. agrees that the purchaser/contractor/MOU etc., may make any amendments or modifications to the provisions stipulated in the Annexure-2 to this GCC/Agreement/Contract/MOU etc., from time to time and confirms that it shall be bound by such amended or modified provisions of the Annexure-2 with effect from the date as intimated by BHEL to it.

### **ARBITRATION:**

**SIGNATURE OF TENDERER**

**ACCEPTING AUTHORITY**

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 Head of BHEL Unit / region / division issuing the contract.

The arbitrator shall pass a reasoned award and the award of the arbitrator shall be final and binding upon the parties.

Subject as aforesaid, the provisions of arbitration and conciliation act 1996 (India) or statutory modifications or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause. The seat of arbitration shall be Hyderabad only at state of Telangana.

The cost of arbitration shall be borne as per the award of the arbitrator. Subject to the arbitration in terms of clause as stated in clause no. 5, the courts at Sangareddy shall have exclusive jurisdiction over any matter arising out of or in connection with this contract.

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 except where the contract has been terminated by either party in terms of this contract.

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 commercial contract(s) between Central Public Sector Enterprises (CPSEs/ Port Trusts inter se and also between CPSEs and Government Departments/Organizations (excluding disputes concerning Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in DPE 0M No 4(1)/2013-DPE(GM)/FTS 1835 dated 22 05-2018".

#### SCHEDULE 'A'

6.0 CONTRACT WORK DESCRIPTION: *"Rate Contract for Carrying Out Routine Annual Civil Maintenance Works like Masonry, Flooring, Plumbing, Fabrication, Carpentry, Painting and Horticulture Works etc., in Township"*

Item No	Description	Qty	Units
1	2	3	4
EARTH WORK			
1	Earth work in excavation by mechanical means (hydraulic excavator) manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50m and lift upto 1.5m, disposal earth to be levelled and neatly dressed.		
1.1	All kinds of soil	1	cum
2	Earth work in excavation by mechanical means (hydraulic excavator) manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50m and lift upto 1.5m, disposal earth to be levelled and neatly dressed.		
2.1	Ordinary rock	1	cum
2.2	Hard rock ( blasting prohibited)	1	cum
3	Filling available excavated earth (excluding rock) in trenches, plinth sides of founding each deposited layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, lead upto 50m and lift up to 1.5..	1	cum
4	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15cm deep and disposal of rubbish lead upto 50m and lift upto 1.5m	1	

**SIGNATURE OF TENDERER**

**ACCEPTING AUTHORITY**

4.1	All kinds of soil	1	One Sqm
5	Clearing jungle including uprooting of rank vegetation, brush wood trees and sapling of girth upto 30 cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of thse area cleared.	1	One Sqm
6	Clearing grass and removal of the rubbish up to a distance of 50m outside the periphery of the area cleared.	1	One Sqm
7	Felling trees of the girth ( measured at a height of 1m above ground level) including cutting of trunks and branches removing the roots and stacking of serviceable material and disposal of unsserviceable material.		
7.1	Beyond 30cm girth upto and including 60cm girth	1	each
7.2	Beyond 60cm girth upto and including 120cm girth	1	each
7.3	Beyond 120cm girth upto and including 240cm girth	1	each
7.4	Above 240cm girth	1	each
8	Earth work excavation in slushy soils including removing the sewage water and scum from the pit of broken sewer lines,man holes, chambers etc., to enable building new ones (sewage gangman are to be engaged if necessary) etc., complete all as directed by Engineer-in-charge.(while excavating care should be taken about cables and shall intimate to Electrical Department/ Telephones Department to take care of the cables).	1	One Cum
9	Providing lawn turfing with carpet grass of approved variety and levelling the surfaces after turfing including th watering the area for 30 days etc complete as directed by Engg In charge.	1	Sqm
10	Supply of Cattle manure of good quality as directed by Engineer in charge etc.	1	Cum
<b>CEMENT CONCRETE WORKS</b>			
11	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level		
11.1	1:1 1/2:3( 1 cement 1 <sup>1/2</sup> coarse sand :3 graded stone aggregate 20mm nominal size)	0.5	cum
11.2	1:2:4 (1cement 2:coares sand 4 grade stone aggregate 20mm nominal size)	1	cum
11.3	1:2:4 (1cement 2:coares sand 4 grade stone aggregate 40mm nominal size)	1	cum
11.4	1:3:6 (1cement 3:coares sand 6 grade stone aggregate 20mm nominal size)	1	cum
11.5	1:4:8 (1cement 4:coares sand 8 grade stone aggregate 40mm nominal size)	1	cum
11.6	1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40 mm nominal size)	0.7	cum
12	Providing and laying cement concrete in retaining walls return walls ( any thickness) including attached pilasters, columns piers abutments pillars posts struts buttresses string or lacing courses parapets coping bed blocks anchor blocks plain window sillis fillets etc. upto floor five level excluding the cost of centering shuttering and finishing :		
12.1	1:1½:3 (1 cement:1½ coarse sand:3 graded stone aggregate 20 mm nominal size)	0	cum
13	Centering and shuttering including strutting, propping etc. and removal of form work for :	1	
13.1	Foundations, footings, bases for columns	1	sqm
14	Providing and fixing at or near ground level precast cement concrete in kerbs, edgings etc. as per approved pattern and setting in position with cement mortar 1:3 (1cement 3 coarese sand ) including the cost of required centering shuttering and finishing smoth with 6 mm thick cement plaster 1:3 (1 cement :3 fine sand ) on exposed surfaces complete.	1	
14.1	1:2:4(1cement :2 coarse sand :4 graded stone aggrigate 20mm nominal size)	1	cum
<b>REINFORCED CEMENT CONCRETE WORKS</b>			
15	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering shuttering finishing and reinforcement All work up to plinth level		
15.1	1:1.5:3(1cement 1.5 coarse sand 3 grade stone aggrigate 20mm nominal size)	1	cum

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15.2	1:2:4( 1cement 2 coarse sand 4 grade stone aggregate 20mm nominal size)	1	cum
16	Reinforced cement concrete work in walls (any thickness) including attached pilasters buttresses plinth and string course fillets columns pillars piers abutments posts and struts etc. up to floor five level excluding cost of centering shuttering finishing and reinforcement		
16.1	1:1.5:3(1cement 1.5 coarse sand 3 grade stone aggregate 20mm nominal size)	1	cum
16.2	1:2:4( 1cement 2 coarse sand 4 grade stone aggregate 20mm nominal size)	1	cum
17	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15° landings, balconies, shelves, chajjas, intels, bands, plain window sills, staircases and spiral strair cases upto floor five level excluding the cost of centering shuttering finishing and reinforcement with 1:2:4( 1cement 2 coarse sand 4 grade stone aggregate 20mm nominal size)		
18	Centering and shuttering including strutting propping etc. and removal of form work for :	1	
18.1	Foundations , Footings, bases for columns	1	sqm
18.2	walls (any thickness) including attached pilasters, butteresses plinth and string courses etc.	1	sqm
18.3	Suspended floors roofs, landing balconies and access platform	1	sqm
18.4	Shelves ( cast in situ)	1	sqm
18.5	Lintels, beams, plinth beams, girderss, bressumenrs and cantilevers.	1	sqm
18.6	Columns piers, abutments, pillars, posts and struts.	1	sqm
18.7	Stairs, (excluding landing ) except spiral staircases	1	sqm
18.8	Small lintels not exceeding 1.5m clear span, moulding as in cornices, window sills, string courses, bands, coping bed plates, anchor blocks and the like	1	sqm
ENCASING ROLLED STEEL SECTION			
19	Reinforcement for RCC work including straightening, cutting bending placing in position and binding all complete.		
19.1.	Cold twisted bars	1	kg
19.2	Hot rolled deformed bars	1	kg
20	Providing and filling in position blown bitumen in expansion joints.	1	per cm depth per cm width per 100m
21	Providing and laying in position machine batched machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete work including pumping of concrete to site of laying but excluding the cost of centering shuttering finishing and reinforcement. including admixtures in recommended proportions as per IS 9103 to accelarate retard setting of concrete improve workability with out impairing strength and durability as per direction of Engineer -in Charge. M-25 grade reinforced cement concrete by using 410kg of cement per cum of concrete. all work up to floor V level with readymix concrete.	1	cum
BRICK MASONRY			
22	Brick work with FPS bricks of class designation 75 in foundation and plinth in:		
22.1	cement mortar 1:4( 1cement :4 coarse sand)	1	cum
22.2	cement mortar 1:6( 1cement :6 coarse sand)	1	cum
23	Brick work FPS brick of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in		
23.1	cement mortar 1:4( 1cement :4 coarse sand)	1	cum
23.2	cement mortar 1:6( 1cement :6 coarse sand)	1	cum
24	Half brick masonry with FPS brick of class designation 75 in superstructure above		

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	plinth level upto floor V level.		
24.1	cement mortar 1:3( 1cement :3 coarse sand)	1	sqm
24.2	cement mortar 1:4( 1cement :4 coarse sand)	1	sqm
<b>STONE MASONRY</b>			
25	Coursed rubble masonry (second sort) with hard stone in foundation and plinth with		
25.1	cement mortar 1:6(1cement 6 coarses sand)	1	cum
26	Stone work (machine cut edges Veneer work) for wall lining upto 10 m height, backing filled with a grout of 12 mm thick cement mortar 1:3 (1 Cement : 3 coarse sand) and jointed with Cement mortar 1:2 (1 cement : 2 stone dust), including rubbing and polishing complete. (To be secured to the backing and the sides by means of cramps and pins which shall be paid for separately).		
26.1	Kota stone slabs exposed face dressed and rubbed.		
26.2	25 mm thick	1	sqm
27	Stone tile work for wall lining upto 10 m height with special adhesive over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including pointing in white cement with an admixture of pigment to match		
27.1	8mm thick (mirror polished and machine cut edge)		
27.2	Granite stone of any colour and shade	1	sqm
<b>WOOD/ PVC WORKS</b>			
28	Providing wood work in frames of doors windows, clerestory windows and other frames, wrought framed and fixed in position		
28.1	Second class teak wood	1	cum
29	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including ISI maked black enamelled M.S butt hinges with necessary screws excluding panelling which will be paid for separately.		
29.1	Second class teak wood		
29.2	35mm thick shutters	1	sqm
29.3	30mm thick shutters	1	sqm
30	Providing and fixing 35mm thick factory made laminated veneer lumber door shutter conforming to IS 14616 and TDS 15:2001(part B) including ISI marked black enameled M.S butt hinges with necessary screws as per directions of engineer in charge and panelling with panels of		
30.1	12mm thick plain grade-1, medium density flat pressed three layer particle board FPT-1 or grade wood particle board FPT-1 IS :3087 marked bonded with BWP type synthetic resin adhesive as per IS :848	1	sqm
30.2	12mm thick pre laminated particle board ( decorative lamination on both sides) grade- 1, medium density flat pressed three layer particle board FPT-1 or graded wood particle boarde FPT-1, conforming to IS 3087 bonded with BWP type synthetic resin adhesive as per IS 848 and prelaminated conforming to IS 12823 grade 1, type - II marked	1	sqm
31	Providing and fixing panelling or panelling and glezing in panelled or panelled and glazed shutters for doors windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) panelling for panelled or panelled and glazed shutters 25mm to 40mm thick		
31.1	Second class teak wood	1	sqm
32	Providing and fixing glazed shutters for doors windows and clerestory windows using 4mm thick float glass panes including black enamelled ISI marked MS butt hinges with necessary screws.		
32.1	Second class teak wood		
32.2	30mm thick	1	sqm
33	Providing and fixing 25mm thick shutters for cup board etc.		

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

33.1	Panelled or Panelled and glazed shutters		
33.2	Second class teak wood including ISI marked anodised aluminium butt hinges with necessary screws	1	sqm
34	Glazed shutters		
34.1	Second class teak wood including ISI marked anodised aluminium butt hinges with necessary screws	1	sqm
35	Providing and fixing pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS 3087 marked with one side decorative and other side balancing lamination grade I, type II exterior grade IS 12823 marked in shelves with screws and fitting wherever required edges to be painted with polyurethane prime fitting to be separately)		
35.1	18mm thick	1	sqm
35.2	25mm thick	1	sqm
36	Providing and fixing ISI marked flush door shutters conforming to IS 2202 (part I) decorative type core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross band and face veneers on both faces of shutters		
36.1	30mm thick including ISI marked stainless steel butt hinges with necessary screws	1	sqm
36.2	25mm thick (for cupboard) including ISI marked nickel plated bright finished MS piano hinges IS 3818 marked with necessary screws	1	sqm
36.3	Providing and fixing 2nd class teak wood plain lining tongued and grooved on and including wooden plugs complete with necessary screws and priming coat on unexposed surface - 12 mm thick	1	sqm
37	Supply, fabrication and fixing of Ornamental M.S. grills for staircase door frames with shutters of approved quality and design including fixing of MS hold fasts in Cement concrete, cost of all materials etc., complete as directed by the Engineer-in-charge.	1	kg
38	Providing and fixing MS grills of required pattern in frames of windows etc. with MS flats, square or round bars etc. all complete		
38.1	Fixed to steel windows by welding	1	kg
38.2	Fixed to opening / wooden frames with rawl plugs screws etc	1	kg
39	Providing and fixing ISI marked MS pressed butt hinges bright finished with necessary screws etc. complete	1	
39.1	125x65x2.12mm	1	each
39.2	100x58x1.90mm	1	each
39.3	75x47x3.10	1	each
39.4	50x37x1.50mm	1	each
40	Providing and fixing IS 1341 marked MS heavy weight butt hinges with necessary screws etc. complete		
40.1	125x90x4.00mm	1	each
40.2	100x75x3.50mm	1	each
40.3	75x60x3.10mm	1	each
40.4	50x40x2.50mm	1	each
41	Providing and fixing factory made UPVC door frame made of UPVC extruded section having an overall dimensions as below (tolerance - <sup>+</sup> 1mm ) with wall thickness 2.0mm - <sup>+</sup> 0.2mm, corners of the door frame to be mitred and welded of pastic, galvanized brackets and stainless steel screws . the hinges side vertical of the frames reinforced by galvanized stainless steel hinges fixed to the frame complete as per manufactures specification and direction of engineer in charge		
41.1	Extruded section profile size 48x40mm	1	mtr
41.2	Extruded Section Profile size 42x50mm	1	mtr

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

42	Providing and fixing to existing door frames		
42.1	24mm thick factory made PVC door shutters made of styles and rails of a UPVC hollow section of size 59x24mm and wall thickness 2mm + 0.2mm with inbuilt edging on both sides. The styles and rails mitred and joined at the corners by means of MS galvanised / plastic brackets of size 75x220 mm having wall thickness 1.0mm and stainless steel screws. the styles of the shutter reinforced by inserting galvanised MS tube of size 20x20mm and 1mm + 0.1mm wall thickness. the lock rail made up of H section a UPVC hollow section of size 100x24 mm and 2 mm + 0.2mm wall thickness fixed to the shutter styles by means of plastic/ galvanised MS.U cleats. the shutter frame filled with a UPVC multi chambered single panel of size not less than 620 mm having over all thickness of 20mm and 1mm + 0.1mm wall thickness. the panels filled vertically and tie bar at two places by inserting horizontally 6mm galvanised MS rod and fastened with nuts and washers, complete as per manufacture's specification and washers complete as per manufacture's specification and direction of engineer in charge. (for W.C and bathroom door shutter)	1	sqm
43	30mm thick factory made polyvinyl chloride (PVC) door shutter made of styles and rails of a UPVC hollow section of size 60x30mm and wall thickness 2mm + 0.2mm with inbuilt decorative moulding edging on one side. The styles and rails mitred and joined at the corners by means of MS galvanised/ plastic brackets of size 75x220mm having wall thickness 1.0mm and stainless steel screws. the styles of the shutter reinforced by inserting galvanised MS tube of size 25x20mm and 1mm + 0.1mm wall thickness.the lock rail made up of H section a UPVC hollow section of size 100x30mm and 2mm + 0.2mm wall thickness fixed to the shutter styles by means of plastic galvanised MS U cleats. the shutter styles by means of plastic / galvanised MS U cleats. the shutter frame filled with a UPVC multi chambered single panel of size not less than 620mm having over all thickness of 20mm and 1mm + 0.1mm wall thickness. the panels filled vertically and tie bar at two places by inserting horizontally 6mm galvanised MS rod and fastened with nuts and washers, complete as per manufacture's specification and direction of engineer in charge	1	sqm
43.1	25mm thick PVC flush door shutters made out of a one piece multi chamber extruded PVC section of the size of 762 mm x 25mm or less as per requirement with an average wall thickness of 1mm + 0.3mm. PVC foam end cap of size 23x10mm are provided on both vertical edges to ensure the overall thickness of 25mm. an MS tube having dimensions 19mmx19mm is inserted along the hinges side of the door. core of the door shutter should be filled with high density polyurethane foam. the top and bottom edges of the shutter are covered with an end cap of the size 25mm x 11mm. door shutter shall be reinforced with special polymeric reinforcements as per manufacture specification and direction of Engineer in charges to take up necessary hardware and fixtures. stickers indicating the locations of hardware will be pasted at appropriate places	1	sqm
44	Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foamsheet mitred at corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge, EPDM rubber gasket weatherseal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge.	1	mtr
44.1	30 mm thick plain PVC door shutters	1	sqm
44.2	30 mm thick pre laminated PVC door shutters	1	sqm
45	Supplying and fixing of medium Indian teakwood window shutters 30 mm thick fully glazed with 3 mm thick glass of approved quality including cost and fixing of MS fixtures, fittings and furniture of superior quality etc., complete as directed by the Engineer-in-charge.	1	One Sqm
46	Supplying and fixing of medium Indian teak wood window shutters 30 mm thick fully panelled including fixing of M.S. fixtures, fittings and furniture of superior quality etc., complete as directed by the Engineer-in-charge.	1	One Sqm
47	Supplying and fixing of medium Indian teak wood window shutters 30 mm thick	1	One

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

	partly panelled and partly glazed with 3 mm thick glass of approved quality including cost and fixing of MS fixtures, fittings and furniture of superior quality etc., complete as directed by the Engineer-in-charge.		Sqm
48	Supply and fixing well seasoned medium Indian teak wood window / ventilator frames made out of scantling of size 75x75 mm including fixing of M.S hold fasts 16 mm dia MS rounds spaced at not more than 10.5cm centre to centre, cost of all materials etc., complete as directed by the Engineer-in-charge. (This includes dismantling the existing frames, brick work, P.C.C etc., and making good to a neat finish etc., complete wherever necessary).	1	One Sqm
49	Supply and fixing well seasoned medium Indian teak wood ventilator shutter 30 mm thick fully glazed top/side hung type, glazing with 3mm thick glass of approved quality.	1	One Sqm
50	Supplying and fixing weldmesh door partly panelled and partly weldmesh double leaf shutters 30 mm thick using medium Indian teakwood and weldmesh of size 75x25 mm, 10x8 guage including supplying and fixing of M.S. fixtures, fittings and furniture of superior quality etc., complete as directed by the Engineer-in-charge.	1	One Sqm
51	Supply and fixing weldmesh door double leaf shutter 30 mm thick using best Indian teakwood and weldmesh of size 75 x 25mm, 10 x 8 guage including supplying and fixing of MS fixtures, fittings and furniture of superior quality etc., complete as directed by Engineer-in-charge.	1	One Sqm
52	Supplying and fixing of weldmesh of size 75x25mm, 10x8 guage with 75 x 25 mm seasoned medium Indian teakwood reapers to the existing windows including 2 coats of painting with synthetic enamel paint of approved shade and brand over a coat of primer, making holes wherever necessary for operating the fixtures, furniture, cost of all materials etc., complete.	1	One Sqm
53	Supplying and fixing of M.S flymesh of an approved quality to the existing door and window shutters with necessary wooden beeding wherever necessary, including removing the existing flymesh, cost of all materials etc., complete.	1	One Sqm
54	Supplying and fixing of medium Indian teak wood door shutters 30 mm thick partly panelled and partly flymesh of approved quality including cost and fixing of M.S. fixtures, fittings and furniture of superior quality etc., complete.	1	One Sqm
55	Supplying and fixing of medium Indian teak wood door shutters 30 mm thick with fully flymesh of approved quality including cost and fixing of M.S. fixtures, fittings and furniture of superior quality etc., complete.	1	One Sqm
56	Supplying and fixing of best approved quality aluminium sheeting 24 guage to the faces and edge of door shutters including fixing with best quality GI screws and cup washers, cost of all materials etc., complete as directed by the Engineer-in-charge. (The measurement shall be made for both sides of door only).	1	One Sqm
57	Supplying of medium Indian teak wood planks of 19 mm thick in various sizes as directed upto a length of 2.40 M.	1	One Sqm
58	Supplying and fixing of seasoned medium Indian teakwood reapers of size 50 x 25 mm horizontally on the wall surface by providing wooden pegs and fixing with MS screws etc., complete.	1	One Rmt
59	Supplying and fixing in position medium Indian teakwood cupboard shutters having frame of size 75 x 25 mm scantling and fixing 3 mm thick plywood sheets on both sides including cost of MS hinges, Nickle coated latches and oxidised aluminium fixtures and furniture of approved quality etc., complete as directed by the Engineer-in-charge.	1	One Sqm
60	Supply and fixing commercial Plywood sheets 4 mm thick plain lining with necessary screws, priming coat on exposed surface etc complete all as directed by Engineer-in-charge.	1	One Sqm
61	Repairs to the existing doors, windows, ventilators and cup boards including frame, shutters, fittings, weldmesh, T.W beadings etc., all as directed by the Engineer-in-charge.	1	One Sqm
62	Conveying from the stores of wooden / PVC - single / double leaf door shutters and fixing in position at places as directed with all required fittings etc (Door will be free issue from BHEL store)	1	One Sqm
63	Supplying and fixing laminated sheet of thickness not less than 1 mm of required	1	One

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

	design, brand, quality and size all as directed by the Engineer-in-charge.		Sqm
64	Supplying and fixing M.S aldrop powder coated of 16 mm dia 300 mm long heavy type with plate folded hooks required nuts and bolts as directed by the Engineer-in-charge.	1	Each
65	Supplying and fixing M.S aldrop powder coated of 12 mm dia 200 mm long heavy type with required nuts and bolts as directed by the Engineer-in-charge.	1	Each
66	Supplying and fixing of PVC netlon mesh of approved colour to the existing windows/Doors mesh shutters/Frames with male and female posting arrangements etc. complete as directed by the Engineer-in-charge.	1	One Sqm
67	Labour charges for removing of existing old flymesh etc. complete as directed by the Engineer-in-charge.	1	One Sqm
68	Supply and fixing of 100 mm vertical blinds including imported spare parts and Indian fabric including cost of materials, fixtures and fittings etc., complete as directed by the Engineer-in-charge.	1	One Sqm
69	Providing and fixing Milkwhite acrylic sheet with 4mm thick & lettering with engraving & embossing.	1	One Sqm
70	Providing & fixing anodised aluminium work for doors, windows, ventilators & partitions with extruded built up standard tubular & other sections of approved make conforming to IS : 733 & IS : 1285, anodised transparent or dyed to required shade according to IS : 1868. (Minimum anodic coating of grade AC 15), fixed with rawl plugs & screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/Neoprene felt etc., Aluminium sections shall be smooth, rust free, straight, mitred & joined mechanically wherever required including cleat angle. Aluminium snap beading for glazing/panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings & the directions of Engineer-in-charge (glazing and panelling to be paid for separately). for all types of works	1	kg
<b>STEEL WORK*</b>			
71	Structural steel work in single section fixed with or without connecting plate including cutting hoisting fixing in position and applying a priming coat of approved steel primer all complete	1	kg
72	Structural steel work riveted bolted or welded in built up sections, strusses and framed work, hoisting fixing in position and applying a priming coat of approved steel primer all complete	1	kg
73	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rail of T-iron 40x40x6mm dia steel pulleys complete with bolts nuts locking arrangement stoppers handles including applying a priming coat of approved steel primer	1	sqm
74	Providing and fixing 1mm thick MS sheet sliding shutters with frame and diagonal braces of 40x40x6 mm angle iron 3mm MS gusset plates at the junction and corners 25mm dial pully 40x40x6mm angle and T- iron guide at the top and bottom respectively including applying a priming coat of approved steel primer	1	sqm
75	Fabrication & erection of Structural steel sections including angles, channels, beams, rods or any other structural steel section forming an integral part and erecting the same as directed.(Raw steel will be issued by BHEL free of cost at stores)	1	kgs
76	Labour charges only--Repair of Entrance Gates & Grill gates etc., including tack welding, providing aldrop/ tower bolt, repairing /replacing hinges as per site condition.	1	Each
77	Labour charges for fixing grill doors with all necessary works like fixing hold fast into wall for necessary anchoring and making fit to the wall ..complete as directed by Engineer In charge.	1	Kg
82	Repairing including making locking arrangements to steel door shutters, sliding doors/ rolling shutters, M.S. gates such as hinges, aldrops, tower bolts or any suitable arrangements including gas cutting, welding etc complete as directed by the Engineer-in-charge	1	Each Shutter / gate

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

83	Repairing the existing M.S. grill gates / door shutters of single leaf / double leaves, window or door frames M.S. Ornamental grills, M.S tubular gates in position including welding, cost of all fittings, fixtures like peg stays, handles, pivot handles, pivot hinges etc. for windows, towerbolts, aldrops, hinges, looking hooks etc for doors, complete as directed by Engineer -in-charge.	1	each
84	Supply and fixing of Megic eyes of approved design including cost of all materials etc complete all as directed by engineer-in-charge.	1	each
<b>FLOORING/TILE WORK</b>			
84	Cement concrete flooring 1:2:4 (1 cement 2 coarse sand 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry but excluding the cost of nosing of steps etc. complete.		
84.1	40mm thick with 20mm nominal size stone aggregate	1	sqm
85	Cement plaster skirting (upto 30cm height) with cement mortar 1:3 ( 1cement 3 coarse sand ) finished with a floating coat of neat cement		
85.1	18mm thick	1	sqm
86	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS 15622 (thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy bottle green black of any size as approved by engineer in charge in skirting risers of steps and dados over 12mm thick bed of cement including pigment of matching shade etc. complete as per drawing specification and direction of engineer in charge	1	sqm
87	Providing and laying ceramic glazed floor tiles 300x300mm (thickness to be specified by the manufacture) of 1 st quality conforming IS 15622 of approved make in colours such as white Ivory grey fume red brown laid on 20mm thick cement mortar 1:4( 1 cement 4 coarse sand) including pointing the joints with white cement and matching pigment etc. complete.	1	sqm
88	Providing and laying ceramic glazed floor tiles 300x300mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS 15622 of approved make in all colours shades except white Ivory, grey, gume red brown laid on 20mm thick bed of cement mortar 1:4(1 cement 4 coarse sand ) including pointing the jointing the joints with white cement and matching pigment etc. complete	1	sqm
89	Providing and laying polished vitrified floor tiles in different size ( thickness to be specified by the manufacture) with water absorption's less than 0.08% and conforming to IS 15622 of approved make in all colours and shade, laid on 20mm thick cement mortar 1:4( 1cement 4 coarse sand ) including grouting the joints with white cement and matching pigment etc. complete	1	
89.1	Size of tile 50x50cm	1	sqm
89.2	Size of tile 60x60cm	1	sqm
89.3	Size of tile 80x80cm	1	sqm
89.4	Size of tile 100x100cm	1	sqm
90	Deduct for not using 20mm thick cement mortar 1:4( 1 cement 4 coarse sand ) bending in laying of floor tiles	1	sqm
91	Fixing glazed / ceramic vitrified floor tiles with cement based high polymer modified quick set tile adhesive (water based ) conforming to IS 15477 using 5 kg adhesive per sqm of tile area in average 3mm thickness	1	sqm
92	Ellis pattern flooring 20 mm thick cement concrete using one cement and three granite stone metal chippings of 3 to 10mm guage including fine finishing, neat thread lining, curing, cost of all materials etc. complete.	1	One Sqm
93	Flooring with rough shahabad stone slabs of 20 to 30 mm thick and approved quality over a base of cement mortar 1:6 and pointing with CM 1:3 including curing, cost of all materials etc. complete.	1	One Sqm
94	Flooring / dadoing polished shahabad stone slabs of 25 mm thick (Tandur blue) uniform shade and approved quality, over a base of cement mortar 1:6 and pointing with cement paste including curing, cost of all materials etc.complete.	1	One Sqm

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95	Removing the existing flooring and redoing the same with Ellis pattern flooring 20 mm thick cement concrete using one cement and three granite stone chippings of 3 to 10 mm gauge including fine finishing, neat thread lining, curing, disposing off the spoils within a lead of 2 km etc. complete as directed by the Engineer- in-charge.	1	One Sqm
96	Polishing to the existing mosaic / polished shahbad stone flooring using necessary / machines/materials such as carborandam stone etc including neat finishing etc complete as directed by Engineering - in - charge..	1	One Sqm
97	Removing the exiting cement flooring, supplying and laying of 25 mm thick ( ± 1 mm) designer floor tiles of approved colour and brand over a base of cement mortar 1:4, 20 mm thick, with required quantity of cement slurry for flooring including colouring pigment to match with tiles, cost of all materials etc complete all as directed by Engineer-in-charge.	1	One Sqm
98	Labour charges for fixing tiles (both Vitrified /Ceramic tiles)- with cement mortar as base including pointing the joints with white cement and matching pigment, etc complete.	1	Sqm
99	Labour charges Removing and refixing of damaged floor / wall tiles of various sizes with cement motor as base including pointing the joints with white cement and matching pigment, etc complete.	1	sqm
100	Providing and laying Parking / interlocking tiles of 20 to 25mm thick depending on manufactures specification, over a bed of CC/CM, which will be paid spearety under separate item, all as directed by the Engineer in charge.	1	sqm
101	Providing and fixing 18mm thick gang saw cut mirror polished premoulded and prepolished) machine cut for kitchen platforms vanity counters window sills facias and similar locations of required size of approved shade colore and texture laid over 20mm thick base cement mortar 1:4( 1cement 4 coarse sand ) with joints treated with white cement mixed with matching pigment epoxy touch ups, including rubbing curing moulding and polishing to edge to give high gloss finish etc. complete at all levels.		
101	Raj nagar plain white marble udaipur green marble / Zebra black marble		
101.1	Area of slab upto 0.50 sqm	1	sqm
102	Granite stone of any colour and shade		
102.1	Area of slab over 0.50 sqm	1	sqm
ROOFING			
103	Providing and fixing on wall face unplastiscised rigid pvc rain water pipes conforming to IS 13592 type a including jointing with seal ring conforming to IS 5382 leaving 10mm gap for thermal expansion (i) single socketed pipes		
103.1	75mm diameter	1	mtr
103.2	110mm diameter	1	mtr
104	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	1	sqm
105	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :		
105.1	Ridges plain (500 - 600mm)	1	mtr
105.2	Flashings/ Aprons.( Upto 600 mm)	1	mtr
105.3	North light curves	1	mtr

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105.4	Barge board (Upto 300 mm)	1	mtr
105.5	Crimp curve	1	mtr
105.6	Gutter .(600 mm over all girth)	1	mtr
106	Providing impervious coat in CM 1:4, 20 mm thick using approved water proofing compound at one Kg/bag of cement when the roof slab is green including arranging proper slopes, for easy flow of rain water, curing etc complete.	1	One Sqm
107	Labour charges for fixing AC sheet / Galvalumme sheet roofing and ceiling using 'J' bolts, nuts, bitumen / GI washers etc.complete, (only AC sheets/ Galvalume sheets and ridges will be supplied free of cost at BHEL stores) all as directed by Engineer - in - charge.	1	One Sqm
108	Labour charges Fixing of Hi-rib s galvalume /Zincalume sheets of 0.5 mm tk. 1 mtr width and length upto 12 mts with factory cut and fixing to the roof shall be crest fixed to roofpurlins with number 12-14 x 55 mm polymer coated galvanised hex head self drilling screws with integral washers and EPDM seals (4 fasteners for support) for sheet etc., complete asdirected - For roofing, side cladding and louvers with necessary fixtures. All the safety measures should be taken care by the agency itself.	1	One Sqm
109	Fixing North Light curves/ Barges in required girth with 0.5 mm galvalume sheets upto a length of 2.5 M having curved width upto 600 mm fixing to the steel members with self drilling / self stitching, fasteners at a maximum of 500 mm c/c along the length of capping,flashing etc.,complete as directed by Engineer-in-charge.including the cost of labour etc.,complete.(North Light Curves / Barges Will beissued free of cost by BHEL at their Stores).All the safety measures should be taken by the agency itself.	1	One Rmt
110	Dismantling the existing garrage structural work, AC sheets and MS angles including stacking & handing over of service cable materials and disposal of debris all as directed by Engineering - in - charge.	1	Each Shed
111	12mm cement plaster of mix (In fine sand)		
111.1	1:4( 1 cement 4 fine sand)	1	sqm
111.2	1:6 (1 cement: 6 fine sand)	1	sqm
112	15mm cement plaster on the rough side of single or half brick wall of mix		
112.1	1:4( 1 cement 4 fine sand) (in coarse Sand)	1	sqm
112.2	1:6 (1 cement: 6 fine sand)	1	sqm
113	20mm cement plaster of mix (In Fine sand)		
113.1	1:4( 1 cement 4 fine sand)	1	sqm
113.2	1:6( 1 cement 6 fine sand)	1	sqm
	CEMENT PLASTER (IN COARSE SAND)		
114	12 mm cement plaster of mix :		
114.1	1:6 (1 cement: 6 coarse sand)	1	sqm
115	15 mm cement plaster on rough side of single or half brick wall of mix :		
115.1	1:6 (1 cement: 6 coarse sand)	1	sqm
116	20mm cement plaster of mix (In Coarse sand)		
116.1	1:4( 1 cement 4 coarse sand)	1	sqm
116.2	1:6( 1 cement 6 coarse sand)	1	sqm
117	18mm cement plaster in two coats under layer 12mm thick cement plaster 1:5( 1 cement 5 coarse sand ) finished with a top layer 6mm thick cement plaster 1:6( 1cement 6 fine sand )	1	sqm
118	18mm cement plaster in two coats under layer 12mm thick cement plaster 1:5( 1	1	sqm

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	cement 5 coarse sand ) finished with a top layer 6mm thick cement plaster 1:3( 1cement 3 coarse sand ) finished rough with sponge.		
119	6mm cement plaster of Mix		
119.1	1:3( 1 cement 3 fine sand)	1	sqm
120	Pointing on stone work with cement mortar 1:3 (1 cement 3 fine sand)		
120.1	Flush / Ruled pointing	1	sqm
120.2	Raised and cut pointing	1	sqm
121	Raised and cut pointing on stone work in white cement mortar 1:3( 1 white cement 3 marble dust)	1	sqm
121.1	White washing with lime to give an even shape		
122	Painting the external wall surfaces by applying two or more coats of Acrylic smooth exterior paint (after completion of one coat prior clearance to be taken to apply the second coat with department officials) of BHEL supplied paint on existing old surface, including scrapping, cost of thinner, brushes labour, ladders, scaffolding, tools and other incidentals etc. complete up to 7m height including rectifying the wall cracks, patches etc with Birla wall care putty crack filler etc complete all as directed by Engineer-in-charge (Only Acrylic paint will be supplied by BHEL). All the safety precautions would be responsibility of the contractor.	1	Sqm
123	Finishing with epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat preparation fo surface etc. complete	1	
123.1	on steel work	1	sqm
123.2	on concrete work	1	sqm
124	Painting (two or more coats) on rain water soil waste and vent pipes and fitting with black anticorrosive bitumastic paint approved brand and manufacture over and including a priming of ready mixed zinc chromate yellow primer on new work	1	
124.1	100mm dia meter pipes	1	mtr
124.2	150mm dia meter pipes	1	mtr
125	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade (Iron work/Plastered surface/Signboards frames/wood work/Road speed breakers etc.)	1	
125.1	Two or more coats on new work	1	sqm
125.2	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	1	sqm
126	Scrapping the existing paint surface, repairing the wall surface and supply and application of One coats of Altek Superfine lappam, applying one coat of required primer thorough polishing the area using emery papers of appropriate grade to get required level and finish of walls before painting the surfaces, as directed by the Engineer in charge etc complete.	1	sqm
127	Scrapping the existing paint surface, repairing the wall surface and supply and application of Two coats of Altek Superfine lappam, applying one coat of required primer thorough polishing the area using emery papers of appropriate grade to get required level and finish of walls before painting the surfaces, as directed by the Engineer in charge etc complete.	1	sqm
128	Providing & Applying two or more cots of Tractor emulsion paint of Approved shade including cost of all materials, labour etc, complete.	1	sqm
129	Providing and applying altek luppam of 2 mm thickness over plastered surface to prepare the surface even and smooth including thorough scrapping to remove the old paint complete as directed by Engineer in charge.	1	Sqm
REPAIRS TO BUILDINGS			
130	Providing and fixing 25mm thick shutters for cup board etc		
130.1	Panelled or Panelled and glazed shutters		
130.2	Superior class teak wood including nickel plated bright finished MS piano hinges with	1	sqm

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

	necessary screws		
130.3	1st class teak wood including nickel plated bright finished MS piano hinges with necessary screws	1	sqm
131	Glazed shutters		
131.1	Superior class teak wood including nickel plated bright finished MS piano hinges with necessary screws	1	sqm
131.2	1st class teak wood including nickel plated bright finished MS piano hinges with necessary screws	1	sqm
132	White washing with lime to give an even shade :		
132.1	Old work (two or more coats)	1	sqm
132.2	Old work (one or more coats)	1	sqm
133.	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	1	sqm
134	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade		
134.1	old work (two or more coats)	1	sqm
135	Removing dry or oil bound distemper water proofing cement paint and the like by scrapping sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	1	sqm
136	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade	1	sqm
137	Finishing walls with Acrylic smooth exterior paint of required shade		
137.1	old work (two or more coats applied @ 1.67ltr/10sqm ) on existing cement paint surface)	1	sqm
137.2	old work (one or more coat applied @0.90 ltr/ 10sqm)	1	sqm
138	Painting to black boards with one coat of black board paint of approved brand including cost of all materials etc., complete all as directed by Engineer-in-charge.	1	One Sqm
139	Applying golden colour or other approved colour to statues from 3' height to 8' height statue painting including scrapping the old surface and applying one or more coats to give good appearance including cost of scaffolding cost of all material all as directed by Engineer-in-charge.	1	Nos
140	Providing gultas in traingular shape of base 150 mm and height 150 mm with cement mortar 1:4, including fine finishing, cost of all materials etc complete all as directed by Engineer-in-charge.	1	One Rmt
141	Providng bands to slab / chajja projections in cement mortar 1:4, 20 mm thick and 20 mm wide including cost of all materials, curing etc complete all as directed by Engineer-in-charge.	1	One Rmt
142	Flooring and skirting with 25 mm thick polished shahabad stone slabs (Tandur blue) of required sizes over a base of 20 mm thick cement mortar 1:6 including pointing in CM 1:2, curing, cost of all materials etc complete all as directed by Engineer-in-charge	1	One Sqm
143	Rectifying the wall cracks by chipping off the existing plastered surfaces to the required width, depth and applying cement slurry in the cracks to the required depth, making good all damages and finishing to match with the existing one by plastering with CM 1:5; 12/15 mm thick and a coat of white wash / snowcem / distemper etc as the case may be as directed by the Engineer-in-charge.	1	One Sqm
144	Crack filling without pressure grouting: Routing out the cracks with a mechanically operated groove cutter and sealing with expansive crack filling compound - CERA POLY CRACKFILLER or equivalent and tooling to finish neatly. Providing ,two top coats of CRACKFLEX, single component hinghly flexible membrane coating (for a width of 10 cms with the crack at the center) or equivalent as per manufacturer's recommendation and curing adequately. Rate quoted includes cost of material, labour charges, conveyance, toold and all other incidental charges etc complete all as directed by Engineering - in -charge. (local market rate)	1	Rmt
DISMANTLING AND DEMOLISHING			
145	Demolishing lime concrete manually/ by mechanical means and	1	cum

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

	disposal of material within 50 metres lead as per direction of Engineer-in-charge.		
146	Demolishing concrete manually / by mechanical means including disposal of material within 50mtr lead as per direction of engineer in charge		
146.1	1:3:6 or richer mix	1	cum
146.2	1:4:8 or leaner mix	1	cum
147	Demolishing RCC work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50mtr lead as per direction of engineer in charge	1	cum
148	Extra for cutting reinforcement bars manually by mechanical means in RCC or RB work (payment shall be made on the cross sectional area of RCC or RB work) as per direction of engineer in charge	1	sqm
149	Extra for scrapping, cleaning and straightening reinforcement from RCC or RB work	1	kg
150	Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50mtr lead as per direction of engineer in charge		
150.1	In cement mortar	1	cum
151	Demolishing stone rubble masonry manually by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50mtr lead as per direction of engineer in charge		
151.1	In cement mortar	1	cum
152	Dismantling door windows and clerestory windows (steel or wood ) quantity of stacks of cleaned material will be measured)		
152.1	Of area 3sqm and below	1	each
152.2	Of area beyond 3sqm	1	each
153	Taking out doors windows and clerestory window shutters(steel or wood) including stacking within 50mtr lead		
153.1	Of area 3sqm and below	1	each
153.2	Of area beyond 3sqm	1	each
154.	Dismantling steel work in single sections including dismembering and stacking within 50mtr lead in		
154.1	RS joists	1	kg
154.2	Channels angles tees and flats	1	kg
155	Dismantling steel work in built up sections in angles tees flats and channels including all gusset plates bolts nuts cutting rivets welding etc. including dismembering and stacking within 50mtr lead	1	kg
156	Dismantling steel work manually by mechanical means in built up section without dismembering and stacking within 50mtr lead as per direction of engineer in charge	1	kg
157	Demolishing R.B. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in- charge.	1	cum
158	Dismantling precast concrete or stone slabs in walls, partition walls etc. including stacking within 50 metres lead		
159	Thickness up to 40 mm	1	sqm
160	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50mtr lead	1	sqm
160	Dismantling G.I pipes ( external work ) including excavation and refilling trenches after taking out the pipes manually by mechanical means including stacking of pipes within 50mtr lead as per direction of engineer in charge		
160.1	15mm to 40mm nominal bore	1	mtr
160.2	Above 40mm nominal bore	1	mtr

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

161	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50mtr lead	1	sqm
162	Dismantling aluminium / Gypsum partitions doors windows fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50mtr lead as directed by engineer in charge	1	sqm
163	Demolishing C.C/ RCC work by mechanical means and stockpiling at designated locations and disposal of dismantled materials upto a lead of 1000m , stacking serviceable and unserviceable material separately including cutting reinforcement bars	1	cum
SANITARY WORKS			
164	Providing and fixing water closet squatting pan(indian type WC pan) with 100mm sand cast iron P or S trap 10 ltr low level white PVC flushing cistern with manually controlled device (handle level) conforming to IS 7231 with all fitting and fixtures complete including cutting and making good the walls and floors wherever required		
164.1	White vitreous china orissa pattern WC pan of size 580x440mm with integral type floor rests	1	each
165	Providing and fixing white vitreous china pedestal type water closet (european type WC pan) with seat and lid 10ltr low level white PVC flushing cistern with manually controlled device (handle level) conforming to IS 7231 with all fittings and fixtures complete including cutting and making good the wall and floors wherever required		
165.1	WC pan with ISI marked white solid plastic seat and lid	1	each
165.2	WC pan with ISI marked black solid plastic seat and lid	1	each
166	Providing and fixing white vitreous china pedestal type water closet (european type )with seat and lid 10 ltr low level white vitreous china flushing cistern and CP flush bend with fitting and CI brackets 40mm flush bend overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fitting and brackets cutting and making good the walls and floors wherever required		
166.1	WC pan with ISI marked white solid plastic seat and lid	1	each
166.2	WC pan with ISI marked black solid plastic seat and lid	1	each
167	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 430x410x265mm sizes respectively with automatic flushing cistern with standard flush pipe and CP brass spreaders with brass unions and GI clamps complete including painting of fitting and brackets cutting and making good the walls and floors wherever required		
167.1	One urinal basin with 5 ltr white PVC automatic flushing cistern	1	each
168	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350mm with white PVC automatic flushing cistern with fitting standard size CP brass flush pipe spreaders with unions and clamps (all in CP brass) with waste fitting as per IS 2556 CI trap with outlet grating and other couplings in CP brass including painting of fitting and cutting and making good the walls and floors wherever required	1	
168.1	Single half stall urinal with 5 ltr PVC automatic flushing cistern	1	each
169.	Providing and fixing one piece construction white vitreous china squatting plate with an integral longitudinal flushing pipe white PVC automatic flushing cistern with fitting standard size GI flush pipe for back and front flush with standard spreader pipes with fitting GI clamps and CP brass coupling complete including painting of fitting and cutting and making good the walls and floors etc. wherever required		
169.1	Single squatting plate with 5 ltr PVC automatic flushing cistern	1	each
170	Providing and fixing wash basin with CI brackets 15mm CP brass pillar taps 32mm CP brass waste of standard pattern including painting of fittings and brackets cutting and making good the walls wherever require		
170.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	1	each
170.2	white vitreous china wash basin size 630x450mm with a single 15mm CP brass pillar tap	1	each
170.3	White vitreous china flat back wash basin size 550x400mm with single 15mm CP brass pillar tap	1	each

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

170.4	White Vitreous China Flat back wash basin size 450x300 mm with single 15 mm C.P. brass pillar tap	1	each
170.5	White vitreous china surgeon type wash basin of size 660x460mm with a pair of 15mm CP brass pillar tap with elbow operated levers	1	each
170.6	Stainless steel AISI 304(18/8) wash basin size 530x345mm with single 15mm CP brass pillar tap	1	each
170.7	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	1	each
171	Providing and fixing kitchen sink with CI brackets CP brass china with rubber plug 40mm CP brass waste complete including painting the fittings and brackets cutting and making good the walls wherever required		
171.1	White glazed fire clay kitchen sink of size 600x450x250mm	1	each
172	Providing and fixing stainless steel A ISI 304(18/8) kitchen sink as per IS 13983 with CI brackets and stainless steel plug 40mm including painting of fitting and brackets cutting and making good the walls wherever required		
172.1	Kitchen sink with drain board	1	
172.2	510x1040mm bowl depth 200mm	1	each
172.3	Kitchen sink without drain board	1	
172.4	610x510mm bowl depth 200mm	1	each
172.5	610x460mm bowl depth 200mm	1	each
172.6	470x420mm bowl depth 178mm	1	each
173	Providing and fixing white vitreous china laboratory sink with CI brackets CP brass china with rubber plug 40mm CP brass waste and 40mm CP brass trap with necessary CP brass unions complete including painting of fitting and brackets cutting and making good the wall wherever required		
173.1	Size 450x300x150mm	1	each
173.2	Size 600x450x200mm	1	each
174	Dismantling, Providing and fixing white vitreous china water closet squatting pan (indian type)		
174.1	Long pattern WC pan of size 580mm	1	each
174.2	Orissa pattern WC pan of size 580x440mm	1	each
175	Extra for using coloured WC pan instead of white WC pan		
175.1	Orissa pattern WC pan 580x440mm	1	each
176	Providing and fixing white vitreous china pedestal type (european type/ wash down type ) water closet pan	1	each
177	Extra for using coloured pedestal type WC pan (european type) with low level cistern of same colour instead of white vitreous china WC pan and cistern	1	each
178	Providing and fixing a pair of white vitreous china foot rests of standard pattern for squatting pan water closet		
178.1	250x130x30mm	1	pair
178.2	250x125x25mm	1	pair
179	Providing and fixing PVC low level flushing cistern with manually controlled device (handle level) conforming to IS 7231 with all fittings and fixtures complete		
179.1	10 Ltr capacity white	1	each
179.2	10 Ltr capacity coloured	1	each
180	Providing and fixing controlled flush low level cistern made of vitreous china with all fitting complete		
181.1	10 Ltr (full flush ) capacity white	1	each
181.2	10 Ltr (full flush ) capacity coloured	1	each
182	Providing and fixing solid plastic seat with lid for pedestal type WC pan complete		
182.1	white solid plastic seat with lid	1	each

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

182.2	black solid plastic seat with lid	1	each
183	Providing and fixing GI inlet connection for flush pipe connecting with WC pan	1	each
184	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265mm sizes respectively.	1	each
185	Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe	1	each
186	Providing and fixing white vitreous china wash basin including making all connectons but excluding the cost of fitting		
186.1	Flat back wash basin of size 630x450mm	1	each
186.2	Flat back wash basin of size 550x400mm	1	each
186.3	Angle back wash basin of size 600x480mm	1	each
186.4	Angle back wash basin of size 400x400mm	1	each
186.5	Flat back wash basin of size 450x300mm	1	each
186.6	Surgeon type wash basin of size 660x460mm	1	each
187	Providing and fixing kitchen sink including making all connections excluding cost of fittings		
187.1	White glazed fire clay sink of size 600x450x250mm	1	each
188	Providing and fixing white vitreous china laboratory sink including making all connections excluding cost of fittings		
188.1	Size 450x300x150mm	1	each
188.2	Size 600x450x200mm	1	each
189	Providing and fixing PVC waste pipe for sink or wash basin including PVC waste fitting complete		
189.1	semi rigid pipe	1	
189.2	32mm dia	1	each
189.3	40mm dia	1	each
189.4	Flexible pipe	1	
189.5	32mm dia	1	each
189.6	40mm dia	1	each
190	Providing and fixing 100mm sand cast iron grating for gully trap	1	each
191	Providing and fixing in position 25mm dia metre mosquito proof coupling of approved municipal design	1	each
192	Providing and fixing 600x450mm beveled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with CP brass screws and washers complete	1	each
193	Providing and fixing mirror of superior glass (approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing		
193.1	circular shape 450mm dia	1	each
193.2	Rectangular shape 453x357mm	1	each
193.3	oval shape 450x350mm (outer dimensions)	1	each
193.4	Rectangular shape 1500x450mm	1	each
194	Providing and fixing 600x120x5mm glass shelf with edges round of supported on anodised aluminium angle frame with CP brass brackets and guard rail complete fixed with 40mm long screws rawl plugs etc. complete	1	each
194.1	Providing and fixing toilet paper holder		
194.2	CP brass	1	each
194.3	Vitreous china	1	each
195	Providing and fixing soil waste and vent pipes		
195.1	100mm dia		

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

195.2	sand cast iron S&S pipe as per IS 1729	1	mtr
195.3	Centrifugally cast (spun) iron socketed pipe as per IS 3989	1	mtr
195.4	75mm diametre		
195.5	sand cast iron S&S pipe as per IS 1729	1	mtr
195.6	Centrifugally cast (spun) iron socketed pipe as per IS 3989	1	mtr
196	Providing and filling the joints with spun yarn cement slurry and cement mortar 1:2(1 cement 2 fine sand) in SCI/CI pipes		
196.1	75mm dia pipe	1	each
196.2	100mm dia pipe	1	each
197	Providing and fixing MS holder bat clamps of approved design to sand cast iron/cast iron(spun) pipe embedded in and including cement concrete blocks 10x10x10cm of 1:2:4 mix ( 1 cement 2 coarse sand 4 graded stone aggregate 20mm nominal size) including cost of cutting holes and making good the walls etc.		
197.1	for 100mm dia pipe	1	each
197.2	for 75mm dia pipe	1	each
198	Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or european type water closet (angle indian WC pan ) with seat lid with CP brass hinges and rubbers buffers 10ltr low level flushing cistern with fitting and brackets 40mm flush bend 20mm over flow pipe with specials of standard make and mosquito proof coupling of approved municippal design complete, including painting of fitting and brackets cutting and making good the walls and floors wherever required		
198.1	white vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and CP flush bend	1	each
199	Dismantling, Providing and fixing PTMT waste coupling for wash basin and sink of approved quality and colour		
199.1	waste coupling 31mm of 79mm length and 62mm breadth weighing not less than 45 grms	1	each
199.2	waste coupling 38mm of 83mm length and 77mm breadth weighing not less than 60grms	1	each
200	Dismantling, Providing and fixing PTMT bottle trap for wash basin and sink		
200.1	Bottle trap 31mm single piece moulded with height of 270mm effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal weighinng not less than 260 grms	1	each
200.2	Bottle trap 38mm single piece moulded with height of 270mm effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal weighinng not less than 263 grms	1	each
201	Dismantling, Providing and fixing PTMT liquid soap container 109mm wide 125mm high and 112mm distance from wall of standard shape with bracket of the same material with snap fitting of approved quality and colour weighing not less than 105grms	1	each
202	Dismantling, Providing and fixing PTMT towel ring trapezoidal shape 215mm long 200mm wide with a minimum distances of 37mm from wall face with concealed fitting arrangement of approved quality and colour weighing not less than 88 grms	1	each
203	Dismantling, Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour		
203.1	450mm long towel rail with total length of 495mm 78mm wide and effective height of 88mm weighing not less than 170grms	1	each
203.2	600mm long towel rail with total length of 645mm width 78mm and effective height of 88mm weighing not less than 190grms	1	each
203.3	Dismantling, Providing and fixing PTMT shelf 440mm long 124mm width and 36 mm height of approved quality and colour weighinng not less than 300 grams	1	each
203.4	Dismantling, Providing and fixing PTMT 15mm urinal spreader size 95x69x100mm with 1/2" BSP thread and shapes weighing hot less than 60 grms	1	each
204	Dismantling, Providing and fixing PTMT urinal cock of approved quality and colour		

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

204.1	15mm nominal bore 80mm long 42mm high and 30mm wide with BSP female threads weighing not less than 48grm	1	each
205	Rectifying the dampness due to leaking joints of Nahany traps alkathin / lead pipe connections to W.C's joints in AC pipes embedded in flooring including chasing brick work / concrete and making good after repairs in cement mortar including cost of all materials, curing etc complete for all specials all as directed by Engineer-in-charge.( trap and PVC Pipe if replaced will be measured separately)	1	Each
206	Dismantling and replacing with new ones of approved make including chasing of brick work / concrete, making good in CM cost of all materials, curing for the following items etc complete all as directed by Engineer-in-charge.		
206.1	Wash hand basins of size 22"x16" (without fittings)	1	Each
206.2	Wash hand basins of size 18"x12" (without fittings).	1	Each
206.3	Indian water closet 630 mm / 580 mm	1	Each
206.4	European Water closets complete all as directed by Engineer-in-charge.	1	Each
206.5	Standing type white glazed flat back urinals.	1	Each
206.6	Porcelain 'P' trap of size 4"	1	Each
206.7	Orissa Pan of approved make and size 580 x 440 mm	1	Each
206.8	SWG gully traps 6"x6" or 4"x4" with CI frame and cover.	1	Each
206.9	Fixing of white coloured PVC low level flushing cistern 10 lit capacity supplied from BHEL stores complete all as directed by Engineer-in-charge.	1	Each
206.10	labour charges for Fixing kitchen black stone sinks of 1/2" thick, 24" x 18" x 7" with CI brackets CP brass china with CP brass waste complete including painting the fittings and brackets cutting and making good the walls wherever required.(Black stone sink along with waste water pipe,waste coupling and brackets will be free issue from BHEL store).	1	Each
206.11	Dismantling and replacing with new ones of approved make including cost of all materials etc complete all as directed by Engineer-in-charge.		
206.12	1/2" C.P. pillar taps (500 gms) SEIKO DELUX HEAVY DUTY.	1	Each
206.13	1/2" brass stop cock (400 gms)	1	Each
206.14	3/4" brass stop cock.	1	Each
206.15	1/2" X 18" PVC pipe connections. (Heavy duty).	1	Each
206.16	PVC flexible pipe 32 mm dia.	1	Each
206.17	3/4" polymer ball cock of ISI makes approved brand.	1	Each
206.18	1/2" polymer ball cock of ISI makes approved brand.	1	Each
206.19	E.W.C seat covers (solid) of any shade.	1	Each
206.20	CP consealed stock cock 1/2" dia with internal brass threadings.	1	Each
206.21	Hot and cold mixing vlave of SEIKO DELUX make.	1	Each
206.22	C.P. waste coupling 1 1/4" dia (32 mm).	1	Each
206.23	C.P. Nahani trap jalise 5" dia.	1	Each
206.24	Hot water connections.	1	Each
206.25	C.I. brackets.	1	Each
206.26	Porcelain foot rests 250 x 125 x 25 mm	1	Each
206.27	1/2" C.I bib taps with brass internal, turning (Alto brand or equivalent).	1	Each
206.28	1/2" Polymet bib taps (PTMT material) prayag make.	1	Each
206.29	PVC shower swing type for the 1/2" 3/4" pipe (Prayag make).	1	Each
206.30	1/2" C.I. stop cock with brass internal turnings (Alto or equivalent brand).	1	Each
206.31	PVC syphon set suitable for PVC/CI law down flush tank of 10 litres capacity with all fittings etc.	1	Each
206.32	Supplying and fixing of PVC balls ISI marked for ball cocks in over head tanks and flush tanks for 20 mm dia.etc. complete all as directed by Engineer-in-charge.	1	Each
206.33	Supplying and fixing CI Nahany trap 76 mm (3") dia in cement concrete 1:2:4 and 12.7 mm (5") dia CI grating hinged to Nahany trap including breaking of the flooring and redoing the same wherever necessary etc complete all as directed by Engineer-in-	1	Each

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

	charge.		
206.34	Removing and refixing GI pipe 13 to 40 mm dia including cost of jointing materials such as specials like collars, elbows, bends etc complete all as directed by Engineer-in-charge.	1	One Rmt
206.35	Supplying and fixing Telephonic shower including cost of all materials and fixtures and fittings etc complete all as directed by Engineer-in-charge.	1	Each
206.36	Providing PVC storage tank covers located over the buildings to suit existing PVC storage tanks with nut and bolts etc complete all as directed by Engineer-in-charge.	1	Each
206.37	Dismantling of the existing AC/PVC Pipe (old pipes are to be handed over to department as per instructions of the Engineer-in-charge) and supplying & fixing of 75 mm dia Prince/ Sudhakar make or equivalent quality as approved by Engineer-in-charge of PVC / SWR pipes (as per ISI standards) 4 kgs/ cm <sup>2</sup> . etc complete all as directed by Engineer-in-charge.	1	Rmt
206.38	Dismantling of the existing AC /PVC Pipes (the pipes are to be returned to department as per instructions of the Engineer-in-charge) and Supply & Fixing Prince / Sudhakar make or equivalent approved quality PVC / SWR pipes (as per ISI standards) 4 kg / cm <sup>2</sup> ...110 mm dia etc complete all as directed by Engineer-in-charge.	1	Rmt
207	Dismantling of the existing specials and Supplying & Fixing Prince / Sudhakar make or equivalent approved quality (U.V. resistant UPVC) SWR pipe fittings (as per ISI standards) etc complete all as directed by Engineer-in-charge.		
207.1	75 mm dia plain bend.	1	Each
207.2	75 mm dia plug bend.	1	Each
207.3	75 mm dia off-set.	1	Each
207.4	75 mm dia Single 'Y' with door.	1	Each
207.5	75 mm dia pipe clip.	1	Each
207.6	75 mm dia single tee with door.	1	Each
207.7	110 mm dia plain bend.	1	Each
207.8	110 mm dia plug bend.	1	Each
207.9	110 mm dia Single 'Y' with door.	1	Each
207.10	110 mm dia Double 'Y' with door.	1	Each
207.11	110 mm dia off-set.	1	Each
207.12	110 mm dia vent cowl.	1	Each
207.13	110 mm dia pipe clip.	1	Each
207.14	110 mm dia single tee with door.	1	Each
207.15	110 mm dia coupler.	1	Each
208	Labour Charges for dismantling and replacing with new ones of approved make including chasing of brick work / concrete, making good in CM cost of all materials, curing for the following items etc complete all as directed by Engineer-in-charge.		
208.1	Wash hand basins of size 22"x16" (without fittings)	1	Each
208.2	Wash hand basins of size 18"x12" (without fittings).	1	Each
208.3	Indian water closet 630 mm / 580 mm	1	Each
208.4	European Water closets complete all as directed by Engineer-in-charge.	1	Each
208.5	Standing type white glazed flat back urinals.	1	Each
208.6	Porcelain 'P' trap of size 4"	1	Each
208.7	Orissa Pan of approved make and size 580 x 440 mm	1	Each
208.8	SWG gully traps 6"x6" or 4"x4" with CI frame and cover.	1	Each
208.9	Fixing of white coloured PVC low level flushing cistern 10 lit capacity supplied from BHEL stores complete all as directed by Engineer-in-charge.	1	Each
209	labour charges for Fixing kitchen black stone sinks of 1/2" thick, 24" x 18" x 7" with CI brackets CP brass china with CP brass waste complete including painting the fittings and brackets cutting and making good the walls wherever required.	1	Each
210	Labour charges for Dismantling and replacing with new ones of approved make etc		

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

	complete all as directed by Engineer-in-charge.		
210.1	1/2" C.P. pillar taps (500 gms) SEIKO DELUX HEAVY DUTY.	1	Each
210.2	1/2" brass stop cock (400 gms)	1	Each
210.3	3/4" brass stop cock.	1	Each
210.4	1/2" X 18" PVC pipe connections. (Heavy duty).	1	Each
210.5	PVC flexible pipe 32 mm dia.	1	Each
210.6	3/4" polymer ball cock of ISI makes approved brand.	1	Each
210.7	1/2" polymer ball cock of ISI makes approved brand.	1	Each
210.8	E.W.C seat covers (solid) of any shade.	1	Each
210.9	CP consealed stock cock 1/2" dia with internal brass threadings.	1	Each
210.10	Hot and cold mixing vlave of SEIKO DELUX make.	1	Each
210.11	C.P. waste coupling 1 1/4" dia (32 mm).	1	Each
210.12	C.P. Nahani trap jalise 5" dia.	1	Each
210.13	Hot water connections.	1	Each
210.14	C.I. brackets.	1	Each
210.15	Porcelain foot rests 250 x 125 x 25 mm	1	Each
210.16	1/2" C.I bib taps with brass internal, turning (Alto brand or equivalent).	1	Each
210.17	1/2" Polymet bib taps (PTMT material) prayag make.	1	Each
210.18	PVC shower swing type for the 1/2" 3/4" pipe (Prayag make).	1	Each
210.19	1/2" C.I. stop cock with brass internal turnings (Alto or equivalent brand).	1	Each
210.20	PVC syphon set suitable for PVC/CI law down flush tank of 10 litres capacity with all fittings etc.	1	Each
210.21	Supplying and fixing of PVC balls ISI marked for ball cocks in over head tanks and flush tanks for 20 mm dia.etc. complete all as directed by Engineer-in-charge.	1	Each
210.22	Supplying and fixing CI Nahany trap 76 mm (3") dia in cement concrete 1:2:4 and 12.7 mm (5") dia CI grating hinged to Nahany trap including breaking of the flooring and redoing the same wherever necessary etc complete all as directed by Engineer-in-charge.	1	Each
210.23	Removing and refixing GI pipe 13 to 40 mm dia including cost of jointing materials such as specials like collars, elbows, bends etc complete all as directed by Engineer-in-charge.	1	One Rmt
210.24	Supplying and fixing Telephonic shower including cost of all materials and fixtures and fittings etc complete all as directed by Engineer-in-charge.	1	Each
210.25	Providing PVC storage tank covers located over the buildings to suit existing PVC storage tanks with nut and bolts etc complete all as directed by Engineer-in-charge.	1	Each
211	Labour charges for Dismantling of the existing AC/PVC Pipe (old pipes are to be handed over to department as per instructions of the Engineer-in-charge) and supplying & fixing of 75 mm dia Prince/ Sudhakar make or equivalent quality as approved by Engineer-in-charge of PVC / SWR pipes (as per ISI standards) 4 kgs/ cm <sup>2</sup> . etc complete all as directed by Engineer-in-charge.	1	Rmt
212	Labour charges for Dismantling of the existing AC /PVC Pipes (the pipes are to be returned to department as per instructions of the Engineer-in-charge) and Supply & Fixing Prince / Sudhakar make or equivalent approved quality PVC / SWR pipes (as per ISI standards) 4 kg / cm <sup>2</sup> ...110 mm dia etc complete all as directed by Engineer-in-charge.	1	Rmt
213	Labour charges for Dismantling of the existing specials and Supplying & Fixing Prince / Sudhakar make or equivalent approved quality (U.V. resistant UPVC) SWR pipe fittings (as per ISI standards) etc complete all as directed by Engineer-in-charge.		
213.1	75 mm dia plain bend.	1	Each
213.2	75 mm dia plug bend.	1	Each
213.3	75 mm dia off-set.	1	Each
213.4	75 mm dia Single 'Y' with door.	1	Each
213.5	75 mm dia pipe clip.	1	Each

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

213.6	75 mm dia single tee with door.	1	Each
213.7	110 mm dia plain bend.	1	Each
213.8	110 mm dia plug bend.	1	Each
213.9	110 mm dia Single 'Y' with door.	1	Each
213.10	110 mm dia Double 'Y' with door.	1	Each
213.11	110 mm dia off-set.	1	Each
213.12	110 mm dia vent cowl.	1	Each
213.13	110 mm dia pipe clip.	1	Each
213.14	110 mm dia single tee with door.	1	Each
213.15	110 mm dia coupler.	1	Each
<b>WATER SUPPLY WORKS</b>			
214	Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-AL-PE) Composite Pressure Pipes conforming to IS - 15450 U.V.stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80 C including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc. with clamps at 1.00 metre spacing. This includes the costs of cutting chases and including testing of joints complete as per direction of the engineer in charge.		
	Concealed work including cutting chases and making good the wall etc.		
214.1	1216 (16mm OD) Pipe	1	metre
214.2	1620 (20 mm OD) pipe	1	metre
214.3	2025(25mm OD) Pipe	1	metre
214.4	2532(32mm OD) Pipe	1	metre
215	Providing and fixing GI pipes complete with GI fitting and clamps including cutting and making good the walls etc. Internal work-Exposed on wall		
215.1	15mm nominal bore	1	mtr
215.2	20mm nominal bore	1	mtr
215.3	25mm nominal bore	1	mtr
215.4	32mm nominal bore	1	mtr
215.5	40mm nominal bore	1	mtr
215.6	50mm nominal bore	1	mtr
216	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :		
216.1	15 mm dia nominal bore	1	mtr
216.2	20 mm dia nominal bore	1	mtr
217	Providing and fixing GI pipe complete with GI fitting including trenching and refilling etc. External work		
217.1	15mm nominal bore	1	mtr
217.2	20mm nominal bore	1	mtr
217.3	25mm nominal bore	1	mtr
217.4	32mm nominal bore	1	mtr
217.5	40mm nominal bore	1	mtr
217.6	50mm nominal bore	1	mtr
217.7	65mm nominal bore	1	mtr
217.8	80mm nominal bore	1	mtr
218	Making connection of GI distribution branch with GI main of following sizes by providing and fixing tee including cutting and threading the pipe ect complete	1	

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

218.1	25 to 40mm nominal bore	1	each
218.2	50 to 80mm nominal bore	1	each
219	Providing and fixing brass bib cock of approved quality:		
219.1	15 mm nominal bore	1	each
219.2	20 mm nominal bore	1	each
220	Providing and fixing brass stop cock of approved quality :		
220.1	15 mm nominal bore	1	each
220.2	20 mm nominal bore	1	each
221.	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end)		
221.1	25 mm nominal bore	1	each
221.2	32 mm nominal bore	1	each
221.3	40 mm nominal bore	1	each
221.4	50 mm nominal bore	1	each
221.5	65 mm nominal bore	1	each
221.6	80 mm nominal bore	1	each
222	Providing and fixing ball valve (brass) of approved quality ,High or low pressure ,with plastic floats complete :		
222.1	15 mm nominal bore	1	each
222.2	20 mm nominal bore	1	each
222.3	25 mm nominal bore	1	each
224	Providing and fixing gun metal non return of approved quality (screwed end)		
224.1	25 mm nominal bore		
224.2	Horizontal	1	each
224.3	vertical	1	each
224.4	32 mm nominal bore		
224.5	Horizontal	1	each
224.6	vertical	1	each
224.7	40 mm nominal bore		
224.8	Horizontal	1	each
224.9	vertical	1	each
224.10	50 mm nominal bore		
224.11	Horizontal	1	each
224.12	vertical	1	each
224.13	65 mm nominal bore		
224.14	Horizontal	1	each
224.15	vertical	1	each
224.16	80 mm nominal bore		
224.17	Horizontal	1	each
224.18	vertical	1	each
225	Providing and fixing uplasticised PVC connection pipe with brass unions		
225.1	30 cm length	1	
225.2	15 mm nominal bore	1	each
225.3	20 mm nominal bore	1	each
225.4	45 cm length		
225.5	15 mm nominal bore	1	each

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

225.6	20 mm nominal bore	1	each
226	Providing and fixing CP brass shower rose with 15 or 20mm inlet		
226.1	100 mm dia meter	1	each
226.2	150 mm dia meter	1	each
227	laying in position centrifugally cast spun iron S&S or flanged pipes(excluding cost of pipe)	0.5	quintal
228	Providing lead caulked joints to spun iron or CI pipes and specials including testing of joints but excluding the cost of pig lead		
228.1	100 mm diameter pipe	0.5	each
228.2	125 mm diameter pipe	0.5	each
228.3	150 mm diameter pipe	1	each
228.4	200 mm diameter pipe	1	each
228.5	250 mm diameter pipe	1	each
228.6	300 mm diameter pipe	1	each
228.7	350 mm diameter pipe	1	each
229	Constructing masonry chamber 30x30x50 cm inside with 75 class designation brick work in cement mortar 1:4( 1 cement 4 coarse sand ) for stop cock with CI surface box 100x100x75mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix ( 1 cement 2 coarse sand 4 graded stone aggregate 20mm nominal size) necessary excavation foundation concrete 1:5:10( 1 cement 5 fine sand 10 graded stone aggregate 40mm nominal size) and 12mm thick finished with a floating coat of neat cement complete as per standard design		
229.1	With FPS bricks	1	each
230	Constructing masonry chamber 60x60x75 cm inside with 75 class designation brick work in cement mortar 1:4 ( 1 cement 4 coarse sand) for sluice valve with CI surface box 100mm top diameter 160mm bottom diameter and 180mm deep (inside) with chained lid and RCC top slab 1:2:4 mix ( 1 cement 2 coarse sand 4 graded stone aggregate 20mm nominal size) necessary excavation foundation concrete 1:5:10( 1 cement 5 fine sand 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3(1 cement 3 coarsed sand) 12mm thick finished with a floating coat of neat cement complete as per standard design		
230.1	With FPS bricks	1	each
231	Constructing masonry chamber 90x90x100 cm inside with 75 class designation brick work in cement mortar 1:4 ( 1 cement 4 coarse sand) for sluice valve with CI surface box 100mm top diameter 160mm bottom diameter and 180mm deep (inside) with chained lid and RCC top slab 1:2:4 mix ( 1 cement 2 coarse sand 4 graded stone aggregate 20mm nominal size) necessary excavation foundation concrete 1:5:10( 1 cement 5 fine sand 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3(1 cement 3 coarsed sand) 12mm thick finished with a floating coat of neat cement complete as per standard design	1	
231.1	With FPS bricks	1	each
232	Constructing masonry chamber 120x120x100 cm inside with 75 class designation brick work in cement mortar 1:4 ( 1 cement 4 coarse sand) for sluice valve with CI surface box 100mm top diameter 160mm bottom diameter and 180mm deep (inside) with chained lid and RCC top slab 1:2:4 mix ( 1 cement 2 coarse sand 4 graded stone aggregate 20mm nominal size) necessary excavation foundation concrete 1:5:10( 1 cement 5 fine sand 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3(1 cement 3 coarsed sand) 12mm thick finished with a floating coat of neat cement complete as per standard design		
232.1	With FPS bricks	1	each

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

233	Constructing masonry chamber 60x60x75 cm inside with 75 class designation brick work in cement mortar 1:4 ( 1 cement 4 coarse sand) for sluice valve with CI surface box 100mm top diameter 160mm bottom diameter and 180mm deep (inside) with chained lid and RCC top slab 1:2:4 mix ( 1 cement 2 coarse sand 4 graded stone aggregate 20mm nominal size) necessary excavation foundation concrete 1:5:10( 1 cement 5 fine sand 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3(1 cement 3 coarsed sand) 12mm thick finished with a floating coat of neat cement complete as per standard design		
233.1	With FPS bricks	1	each
234	Constructing masonry chamber 60x45x50 cm inside with 75 class designation brick work in cement mortar 1:4 ( 1 cement 4 coarse sand) for sluice valve with CI surface box 100mm top diameter 160mm bottom diameter and 180mm deep (inside) with chained lid and RCC top slab 1:2:4 mix ( 1 cement 2 coarse sand 4 graded stone aggregate 20mm nominal size) necessary excavation foundation concrete 1:5:10( 1 cement 5 fine sand 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3(1 cement 3 coarsed sand) 12mm thick finished with a floating coat of neat cement complete as per standard design		
234.5	With FPS bricks	1	each
235	Providing and fixing GI union in GI pipe including cutting and threading the pipe and making long screws etc, complete (new work)		
235.1	15 mm nominal bore	1	each
235.2	20 mm nominal bore	1	each
235.3	25 mm nominal bore	1	each
235.4	32 mm nominal bore	1	each
235.5	40 mm nominal bore	1	each
235.6	50 mm nominal bore	1	each
235.7	65 mm nominal bore	1	each
235.8	80 mm nominal bore	1	each
236	Providing and fixing GI union in existing GI pipe line cutting and threading the pipe and making long screws including excavation refilling the earth or cutting of wall and making good the same complete wherever required		
236.1	15 mm nominal bore	1	each
236.1	20 mm nominal bore	1	each
236.1	25 mm nominal bore	1	each
236.1	32 mm nominal bore	1	each
236.1	40 mm nominal bore	1	each
236.1	50 mm nominal bore	1	each
236.1	65 mm nominal bore	1	each
236.1	80 mm nominal bore	1	each
237	Providing and fixing CP brass bib cock of approved quality conforming to IS 8931		
237.1	15 mm nominal bore	1	each
238	Providing and fixing CP brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810grms		
238.1	15 mm nominal bore	1	each
239	Providing and fixing CP brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms		
239.1	15 mm nominal bore	1	each
240	Providing and fixing CP brass stop cock (concealed) of standard design and of	1	

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

	approved make conforming to IS 8931		
240.1	15 mm nominal bore	1	each
241	Providing and fixing CP brass angle valve for basin mixer and geyser points of approved quality conforming to IS 8931a) 15mm nominal bore	1	
241.1	15mm nominal bore	1	each
242.	Providing and fixing PTMT bib cock of approved quality and colour	1	
242.1	15mm nominal bore, 86mm long weighing not less than 88gms	1	each
242.2	15mm nominal bore, 122mm long weighing not less than 99gms	1	each
242.3	15mm nominal bore, 165mm long weighing not less than 110gms	1	each
242.4	15mm nominal bore, 90mm long weighing not less than 93gms	1	each
243.	Providing and fixing PTMT stop cock of approved quality and colour		
243.1	15mm nominal bore, 86mm long weighing not less than 88gms	1	each
243.2	20mm nominal bore, 89mm long weighing not less than 88gms	1	each
243.3	concealed stop cock, 15mm nominal bore, 108mm long weighing not less than 108gms	1	each
244	Providing and fixing PTMT pillar cock of approved quality and colour		
244.1	15mm nominal bore, 107mm long weighing not less than 110gms	1	each
244.2	15mm nominal bore, 125mm long weighing not less than 120gms	1	each
245.	Providing and fixing PTMT push cock of approved quality and colour		
245.1	15mm nominal bore, 98mm long weighing not less than 75gms	1	each
245.2	15mm nominal bore, 80mm long weighing not less than 46gms	1	each
246.	Providing and fixing PTMT grating of approved quality and colour .		
246.1	Circular type		
246.2	100 mm nominal dia .	1	each
246.3	125 mm nominal dia with 25mm waste hole	1	each
246.4	Rectangular type with openable circular lid .		
247	150 mm nominal size square 100 mm diameter of the inner hinged round grating	1	each
248	Providing and fixing enclosed type water meter (bulk type) conforming to IS 2373 and tested by municipal board complete with bolts nuts rubber insertions etc. ( the tail pieces if required will be paid separately)		
248.1	80 mm nominal bore	1	each
248.2	100 mm nominal bore	1	each
249	Providing and fixing CI dirt box strainer for bulk type water meter with nuts bolts rubber insertions ect complete conforming to IS 2373		
249.1	80mm dia	1	each
249.2	100mm dia	1	each
250	Providing and fixing PTMT ball cock of approved quality colour and make complete with Epoxy coated aluminium rod with L.P/ H.P.H.D plastic ball		
250.1	15mm nominal bore, 105mm long weighing not less than 138gms	1	each
250.2	20mm nominal bore, 120mm long weighing not less than 198gms	1	each
251.	Providing and fixing PTMT swivelling shower 15mm nominal bore weighing not less than 40 gms	1	each
251.1	Providing and fixing PTMT soap Dish holder having length of 138mm breadth 102mm height of 75mm with concealed fitting arrangement. Weighing not less than 106gms	1	each
252	Providing and laying S&S CI standard specials such as tees bends collars tapers and caps etc suitable for flanged jointing as per IS 1538		
252.1	Upto 300mm dia	1	quintal
252.2	Above 300mm dia	1	quintal
253	Providing and fixing unplasticised PVC connection pipe with PTMT nuts collar and bush of approved quality and colour		
253.1	15mm nominal bore with 30cm length	1	each
253.2	15mm nominal bore with 45 cm length	1	each

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

254.	Providing and fixing PTMT extension nipple for water tank pipe fitting of approved quality and colour	1	
254.1	15mm nominal bore. weighing not less than 32gms	1	each
254.2	20mm nominal bore. weighing not less than 40gms	1	each
254.3	25mm nominal bore. weighing not less than 62gms	1	each
255	Cutting holes up to 30x 30 cm in walls including making good the same	1	each
255.1	with FPS bricks	1	each
256	Labour charges for erection PVC tanks-1000Lts including transportation from Dept stores to work spot (including all necessary fittings and specials like ball cock, nipples..etc).	1	Each
257	Only Labour charges for erection & commissioning of PVC flush tanks. (Flush tank & all required materials will be issued by BHEL at their stores).	1	Each
258	Supply & fixing of brass spindle rods for 3" to 14" valves, including machine threading and finishing and with check nut as per site requirement. (Finished item weight will be measured for payment)	1	kg
259	Supply & Fixing of 114mm Alkthene pipes	1	Rmt
<b>HORTICULTURE WORKS</b>			
260	Uprooting and clearing parthinium and other weeds with big scissors, knives etc including clearing and disposing the cut waste within a lead of 2 km all as directed by the Engineer-in-charge. The waste materials shall be cleared on the same day and the rate shall include all tools, transport etc.	1	One Sqm
261	Supply & fixing precast RCC fencing poles of size of size 150mm square at bottom of the pole & 100mm square at top of the pole and length of the pole should be minimum 1800 length. (Specification should be checked for standard size) as directed by Engineer In charges.	1	each
<b>Conveyance</b>			
262	Conveyance by Manual or Mechanical means of Lime, Murram, building Rubbish including loading un-loading with lift of 50 m upto lead mentoned below all complete all as directed by Engineer in charge		
262.1	1 Km	1	Cum
262.2	2 Km	1	Cum
262.3	3 Km	1	Cum
263	Conveyance by Manual or Mechanical means of Earth including loading un-loading with lift of 50 m upto lead mentoned below all complete all as directed by Engineer in charge		
263.1	1 Km	1	Cum
263.2	2 Km	1	Cum
263.3	3 Km	1	Cum
264.	Conveyance by Manual or Mechanical means of Excavated rock including loading un-loading with lift of 50 m upto lead mentoned below all complete all as directed by Engineer in charge		
264.1	1 Km	1	Cum
264.2	2 Km	1	Cum
264.3	3 Km	1	Cum
<b>SUPPLY OF BUILDING MATERIALS</b>			
267	Supply of 12 mm guage hard granite stone metal including cost and conveyance and stacking as directed etc complete.	1	One Cum
268	Supply of ground moulded number bricks of best quality including cost and conveyance to site and stacking neatly as directed by the Engineer-in-charge.	1	Nos
269	Supply of good quality course River Sand Bhodan / Karimnagar / Kurnool / Sirisilla quality including cost and conveyance to site and stacking neatly as directed by the Engineer-in-charge.	1	One Cum
270	Supply and spreading quarry stone dust on walking track, stadium etc, complete as	1	One

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

	directed by Engineer-in-charge.		Cum
Lettering of Boards and Banners			
270	Applying one coat of synthetic enamel paint of Apcolite brand and an approved shade to the speed breakers and road sign boards including cost of all materials, labour etc complete etc complete all as directed by Engineer-in-charge.	1	Sqm
271	Painting the township layout on supplied boards approximate Size 3.00x1.50 M, as per the layout with different shades indicating the functional and residential buildings separately and in different colours for various types, bordering, index preparations, key plan etc, complete as per the instructions (The paints shall be of synthetic enamel for G.P of approved make). The rate quoted shall include rubbing the existing painting surface and cost of all the materials like brushes and paintsetc complete all as directed by Engineer-in-charge.	1	Sqm
272	Preparing the supplied boards of different sizes to receive the painting as per the drawing and painting the letters of different sizes in different shapes with synthetic enamel paint of approved make in different shades as per the instructions. The quoted rate shall include rubbing of the existing painted surface to receive the new painting and cost of all materials like brushes, paints etc etc directed by Engineering - in charge.	1	Sqm
273	Providing radium sticker letters and arrow marks of approved colour and design and size. The base board will be supplied by the department and as directed by the Engineer-in-charge.	1	Sqm
274	Supply and fixing of multi colour digital printing on paper with lamination on 10 mm M.D.F.Board Supporting with Iron Frame including all incidental charges etc complete as directed by Engineer-in-charge etc directed by Engineering - in charge.	1	Sqm
275	Supply and fixing of self glow radium sticker on the radium paper including cutting charges, fixing charges etc complete as directed by Engineer-in-charge.	1	Sqm
276	Re-lettering with black Japan paint of approved brand and manufacture for numbering to shops with black ground paint and also including cost of all material etc complete all as directed by Engineer-in-charge.	1	per letter per centimeter height
277	Supply and fixing of radium plain sheet wherever required etc complete all as directed by Engineer-in-charge.	1	Sqm

Instructions to Tenderer:	
1	Agency has to quote his prices by considering consolidated wages /Bonus payable to workers/ BHEL wages (which consists of state Govt. minimum wages and additional payments), allowances and other statutory dues payable to workers
2	Agency supervisor shall control the deployed work force, shall not cause any traffic restriction in Township during the movement of agency vehicles in Township. Agency authorised vehicles are only allowed in the BHEL Premises, agency other vehicles are not permitted inside the BHEL Campus.
3	Agency supervisor shall look after the working areas where the work has been carried out.
4	The Agency supervisor shall do frequent checking.
5	Agency supervisor is the overall in-charge of the work. Single Point of Contact (SPOC) during the work.
6	Agency supervisor is to ensure workers are posted in their respective posts as per the directions of BHEL officer in-charge and record to be submitted daily.
7	To ensure all the communication given by BHEL officer is to be passed to the workers promptly.
8	To ensure required guidance, training etc. is provided to the workers at their respective works beside the regular briefing etc.
9	Custodian of the daily attendance.
10	Supervisor shall stay at the site until he total work is done and ensures the same for the workers too.
11	Any incidents occurred during the work has to bring it to the notice of the BHEL officer in-charge and if necessary depends on the situation report has to submitted to the police station.

**SIGNATURE OF TENDERER****ACCEPTING AUTHORITY**

12	Monitor the performance of the workers and their quality of service.
13	Report of the daily work done shall be submitted daily with duly signed with stamp.
14	Workers to alert and inform his superiors about any suspicious materials found within the Township Premises.
15	As per the time-to-time instructions given by the BHEL management, supervisor along with their staff has to work with the given instructions.
16	During the execution of contract, if required, agency shall work on Sundays and holidays also as per the direction of Engineer-in-charge.
17	Penalty as per the clause 2.1.36 shall be applicable.

**Important note:-**

- All the terms & conditions of the contract with respect to Taxes & Duties are subject to the new taxation laws introduced from time to time (e.g., GST). The terms conditions will be modified in accordance with the provisions of new laws (e.g., GST).
- Water and Electrical charges will be recovered accordingly as per the BHEL rules

**SCHEDULE “B “****ISSUE OF MATERIAL TO THE CONTRACTOR**

Cement Free issue from BHEL. If drawn cement bags are not stored properly or causing any damage to the cement drawn, a double amount on cost of cement bag wrt to latest PO rates shall be recovered from the running bills.

**SCHEDULE “C “****SERVICE VIZ., WATER & ELECTRICITY TO THE SITE OF CONTRACTOR****1. WATER**

Water required for the purpose of executing the contract shall be supplied by Bharat Heavy Electricals Limited and charged at Rs.15.00 per 1,000 liters. The supply will be made at a convenient point to be determined by the Engineer-in-Charge and Contractor has to make his own arrangements to distribute the water to places where required including cost of providing and fixing water meters. The charges for consumption of water will be as under, where water meters could not be provided by the contractor and prior permission for the same has to be obtained in writing from the Engineer-in-Charge.

- |  |       |       |
|--|-------|-------|
| i) On the total value of periodical maintenance<br>Items of building | ..... | 0.25% |
| ii) On the total value of other Civil works executed                 | ..... | 0.50% |
| iii) On the total value of road works executed                       | ..... | 0.75% |

**NOTE:**

In respect of items (i) & (ii), only items where water is consumed on the work, will be considered for arriving at the total value.

In respect of items (iii) only the value of work on non-water consuming items such as picking metal, earth work, Asphalting etc. will be excluded from the total value of road works.

**2. ELECTRICITY**

Electric current if required will be supplied at a convenient metered point to be determined by the Engineer-in-Charge. Any extension required to the different work sites will have to be arranged by the Contractor himself. Energy consumed will be metered and charged at Rs.6.5 (Rupees Six & Paise Fifty only) per unit. Where meter could not be provided for structural steel works current charges will be recovered at 70 units per each tonne of structural steel fabrication work done.

**7.0 SPECIAL CONDITIONS OF CONTRACT:**

- As per the requirement and as per the instructions of Engineer – in – charge, agency shall work on a holiday also, agency has to ensure the security and safety of the workers during the work on any days.
- The contractor shall maintain a logbook for record of deployment of vehicle and work force on daily basis. The record shall be duly verified by the Engineer-in-charge

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3. The contractor or his authorized representative shall report to Engineer - In charge of the civil maintenance at 8 am daily along with vehicles including helpers and with two supervisors for their movement to execute the work as per instruction of Engineer IN charge.
4. Daily record shall be maintained of all works performed under this contract. The work done shall be entered in the register duly signed and dated by both parties viz representative of Engineer In charge and the contractor or his authorized representative each day on completion of work.
5. Safety of the commuters, workers is agency's sole responsibility.
6. Any damage to the third party / persons to be taken care by insurance etc. insurance shall be for full or partial injury, death, medical treatment shall be borne by the agency only, BHEL shall not be responsible for the accidents and money incurred on their account by agency.
7. List of employees going to be deployed and their details like PF, ESI, Adhar Bank A/c No to be mentioned.
8. Ensure cleanliness of the preparation area/work spot before and after the work on daily basis.
9. In case of delay of payment of wages to the contract labour by the contractor, for more than a week, the contract-executing officer will initiate action for payment of wages directly from BHEL side and recover the same from the payments due to the contractor along with penalty as decided by the respective product head. In case, the contractor default/fail to pay wages to the contract labour repeatedly (more than once) the contract executing officer shall take action for payment of wages directly by BHEL and contract may be short closed despite blacklisting/banning the said contractor from participating in the future bidding/tendering in BHEL.
10. Agency shall deploy at least one supervisor in each shift. If required agency may deploy more than one supervisor on any events / functions / public functions etc., to get control over the situation as per the direction of BHEL officer In-charge.

**8-A TECHNO-COMMERCIAL BID APPLICATION**

To,  
 Bharat Heavy Electricals Limited  
 H.P.E.P., RC PURAM,  
 HYDEDRABAD-32

Dear Sir,

I / We hereby offer to carry out the work '-----'against Tender Enquiry No. -----

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

- |   |   |            |
|---|---|------------|
| <ol style="list-style-type: none"> <li>1. Notice Inviting Tender</li> <li>2. Bid Application</li> <li>3. Bid Questionnaire-A</li> <li>4. Bid Questionnaire-B</li> <li>5. Declaration by Tenderer</li> <li>6. Instructions to tenderer</li> <li>7. General terms and conditions</li> <li>8. Specific terms and conditions</li> <li>9. Evaluation of price bid</li> <li>10. Scope of Work &amp; Schedule-A</li> <li>11. Price Bid Format</li> </ol> | } | (Part – A) |
|   |   | (Part – B) |

I/ We further agree to execute all the works referred to in the said documents as per the General terms and conditions.

I am /We are in possession of independent PF/ESI Code.

I/We undertake to obtain applicable the PF/ESI coverage of all our workmen to be deployed for the above work and also agree for recovery of appropriate PF/ESI contribution from wages/bills

Strike out which is not applicable

Signature of Tenderer

PART - A

TECHNICAL BID - I

Tender Enquiry No. :

Date:

**SIGNATURE OF TENDERER**

**ACCEPTING AUTHORITY**

## Details of the Contractor:

a) Name and address of the Firm:

Name and address of the proprietor:

b) Is any contract being operated under the Yes / No

Control of the tenderer in BHEL.

(If yes furnish the details) :

	<u>Location/ Address</u>	<u>Value</u>	<u>Date of Completion</u>
1.			
2.			
3.			
4.			

c) Is any relative of tenderer Yes / No

Employed in BHEL

(If yes, furnish the detail)

Name	Staff no	Location / Area

Signature of the Tenderer

Date:

## TECHNICAL BID - II

01	ESI Code No. (enclose copy of ESI code allotment letter of ESI authority)	
02	PAN card.	
03	PF Code No. (enclose copy of PF code allotment letter of EPF authority)	
04	GST registration no:	
05	Banker's Name & Address	
06	Bank A/C No. & Branch	
07	Have you quoted rates for all the activities, as indicated in the price bid ( Part – B )	YES / NO
08	Financial Turnover for preceding three years duly certified by qualified Chartered Accountant:	
09	Any other comments	
10	Name of the Contractor Full Address Contractor's code No Contact person Phone , Fax Mobile Nos. & Email ID	
11	Details of DD/Cash receipt a) D.D or Cash receipt Nos. for EMD b) DD/Cash receipt Nos. for cost of tender documents. (DD/Cash Receipt has to be enclosed along with this bid).	
12	Contact Person name in case conducting Reverse Auction : Phone , Fax Mobile Nos. Email ID	
13	National Electronic Fund Transfer (NEFT) from to be submitted if new contractor to BHEL.	

Note:

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- I. Photocopy in support of above wherever applicable should be attached.
- II. Please note that if answer of SI No.01, 03, 08 or 09 is not available or 'No' then the bid is liable to be rejected.

Signature of the Tenderer

Date:

**8B) PROFORMA FOR PRICE BID :- (Un-priced)**

SL NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1					
2					
3					
	TOTAL				A

Tender % on A	In Words	In Figures
Excess		
Less		
Estimate		

**EVALUATION OF PRICE BID:**

- i. A single rate must be quoted for each category mentioned in the price bid Proforma as the job would be awarded to one or more successful tenderer.
- ii. Evaluation of the L-1 offer shall be computed on overall lowest cost to BHEL basis. (Grand Total Price for all the items indicated above minus tax credit, if, any)
- iii. Contractor shall take total care to educate himself to know the prevailing wages payable to contract labour in BHEL RC puram and quote rates taking into account all aspects of contract.
- iv. In the event of two or more tenderers becoming L1, the selection of the tenderer for the purpose of awarding contract will be on the basis of LOTTERY to be held in presence of representatives of L1 tenderers.

**Important Note:-**

All the terms & conditions of the contract with respect to Taxes & Duties are subject to the new taxation laws introduced from time to time (e.g., GST). The terms conditions will be modified in accordance with the provisions of new laws (e.g., GST).

**9 DECLARATION BY TENDERER**

I, -----, aged ----- Yrs., S/o -----, residing at -----

Hereby declare as follows:

- (i) That my nationality is \_\_\_\_\_.
- (ii) That I am a major and eligible to enter into contract / my firm / my company is competent to enter into an agreement.
- (iii) I shall employ only such personnel who have not been found unfit for employment in Organizations such as Central / state / Public undertaking by the Police Authorities.
- (iv) I shall not employ persons against whom Criminal cases are pending or under investigation.
- (v) I shall also not employ persons found guilty of offences involving moral turpitude for executing work in BHEL contracts.
- (vi) That there are no Criminal cases pending or under investigation against me or my firm or company.
- (vii) I have not been found guilty of offences involving moral turpitude nor any of the company directors / partners of my firm have been found guilty of offences involving moral turpitude.
- (viii) Neither myself nor my firm nor my company has been declared insolvent in the past.
- (ix) I have taken due care and efforts to furnish only information which are true in the tender document.
- (x) I shall employ labours who are more than 18 years of age and having sound physical and mental health.

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- (xi) I shall keep Photograph / identity proof / residential proof of the labourers to be employed against this tender and arrange for police verification.

[Signature with Name & seal of the Tenderer]

Date & Place :

[Vendors to furnish this mandate on their Letter Head]

To,  
Dy. Manager/Finance-Cash Management,  
BHEL, RC Puram,  
Hyderabad - 502032  
Dear Sir,

Sub: Details for National Electronic Fund Transfer

We request and authorize you to effect payment through NEFT to our Bank account, subject to RBI Guidelines as per the details given below.

- A. Sup code (As per PO/SCO) /Staff No:  
B. Beneficiary (Name as per PO/SCo) :  
C. PAN of Beneficiary :  
D. TIN of Beneficiary :  
E. e-mail address of Beneficiary :  
F. City (of Beneficiary) :  
G. Bank Name :  
H. Branch (of Bank) :  
I. A/c Number :  
J. A/c type (Saving or Current) :  
K. MICR Code of the branch (9digit) :  
L. IFSC for NEFT (11 char) :  
M. IFSC for RTGS (If different from L) :

Thanking you,

Signature (With Seal)  
Name  
Address

Certified that the particulars furnished above are correct as per our records

Date:-

(Signature of authorized official of bank)  
Bank Stamp

**TENDERER'S AND CONTRACTOR'S CERTIFICATE**

1. I hereby declare that I have perused in detail and examined closely the CPWD/ Telangana Standard Specifications and it's addenda volume and also BHEL General Conditions of contract. I agree to be bound by and comply with all specifications contained in CPWD/ Andhra Pradesh Standard Specification and General Conditions of contract, for the various items of works specified in the Schedule "A" and the work as a whole.

2. I hereby declare that I shall pay the statutory minimum wages to my workers as applicable from time to time. I shall also adhere to all the statutory obligations under Contract Labour (Regulation and Abolition) Act 1971 and Rules framed there under with subsequent revisions if any.

3. The daily wage rate of labour applicable as on date is as follows as per Sr. DGM/HR-IRX.

Guidelines and statutory payments to Contract work force for submitting tenders for Civil Works as per Circular issued by BHEL.

Daily wage rate is exclusive of Holiday and Leave Wage.

Wage rates w.e.f Dt. 04.05.2021

- U S W : Rs. 550.38 per day Inclusive of weekly off.  
S S W : Rs. 587.73 per day Inclusive of weekly off.  
S W : Rs. 623.54 per day Inclusive of weekly off.

i) P F and E S I contributions wages

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The PF & ESI @ 13.00% and 3.25% respectively should be contributed by the contractor on the state minimum wages and payment of Minimum Bonus under the Bonus Act 1965 if applicable. It is once again reiterated that all the contractors shall also provide Uniform, Safety Shoes and other Personal Protective Equipment's (PPEs) as required to their workforce and maintain all registers and records up to date.

The contractors are advised to quote the rates considering the consolidated wages /Bonus payable to workers/ BHEL wages (which consists of state Govt. minimum wages and additional payments), allowances and other statutory dues payable to workers. BHEL will not pay any additional amount other than the agreed amount.

The Contractor shall provide two pairs of stitched Uniform to each of his workmen and cap as specified by BHEL. The Contractor is required to submit proof of expenditure incurred and acknowledgement from his workmen for providing stitched uniform. If contractor fails to provide the said stitched uniform, Rs.1000/- will be deducted as penalty against each workmen per month engaged during the contract period. BHEL shall not reimburse any additional amount other the agreed amount.

The contractor shall pay bonus to all his workmen as per the applicable provisions of the payment of Bonus Act 1965 and its rules amendments from time to time if applicable for contract period. Contractor has to ensure payment of Bonus to his workers as per Payment of Bonus Act, 1965 and BHEL shall not reimburse any amount towards this.

The contractor shall provide Personal Protective Equipment including one helmet, one pair per year safety shoe of standard specified by BHEL safety department and two pairs of socks to all his workmen during the contract period. The contractor is required to submit proof of expenditure incurred in providing Personal Protective Equipment to his workmen. If contractor fails to provide the said PPE, Rs.800/- will be deducted as penalty against each workmen per month engaged during the contract period. BHEL shall not reimburse any amount towards Uniform to the contractor. He has to consider the same in his quote.

#### NON PAYMENT / DELAY / SHORT PAYMENT OF WAGES

Obligation of Principal Employer under Payment of Wages Act 1936 / Contract labour (R&A) Act 1971 and Rules made thereof :

1. As a Principal Employer it is our bound duty to ensure that wages are paid to all the contract labours engaged by various contractors in BHEL RC Puram Unit as specified below:
2. As per BHEL guidelines all the contractors are required to pay wages to all their contract labour on or before 7<sup>th</sup> of every month in case of monthly wage period and every Saturday in case of weekly payments.
3. Any delay in this regards attracts penalty under Payment of Wages Act 1936 as well as under the provisions of Contract Labour (R&A) Act 1970. In such cases it is the responsibility of the Principal Employer to pay the wages to the contract labour and recover the same from the dues payable by BHEL to the contractors. In case of such violation of above provisions i.e., delay in payment by the contractor the Contract Executing Officer shall take following action immediately:
  - a. In case of delay or non-payment of wages by the contractor by designated date/day, the contract executing officer shall issue a letter seeking explanation for non-payment of wages and instruct the contractor to arrange payment immediately not later than a week.
  - b. In case the contractor not acted on the said letter, the contract executing officer shall take immediate action to initiate a note for drawing advance to the extent of the dues payable to the contract labours by the contractor with the concurrence of Finance department and approval of General Manager/HOD, pay the wages directly to the affected labours through their respective Bank Account. The PF/ESI contribution into the respective authorities under the same contractor PF/ESI code. The amount so drawn shall be adjusted against the outstanding bills/payment/SD/EMD or any other payment due to the contractor by BHEL RC Puram Unit.
  - c. The Contract Executing officer shall take necessary action against the contractor to short close the contract and black list the contractor.
4. In case of revision of wage / DA by appropriate Government or by BHEL after the award of work, BHEL will not pay any differential amount to the agency. Agency has to bear the amount to pay to their respective workers. BHEL will not pay any bonus distribution to the workers; agency is the responsible for any differential amount and bonus to the respective workers.

#### SPECIAL CONDITIONS – SAFETY

1. The following are a few safety measures suggested while carrying the work. However all the items of work should be carried out in safe working manner taking all precautions.
2. Proper and necessary precautions shall have to be taken wherever the work involves.
3. As per the instructions of Engineer-in-charge a special safety, precautions need to be taken during the work where inflammable materials works were carrying out.

**SIGNATURE OF TENDERER**

**ACCEPTING AUTHORITY**

4. The contractor shall keep supply all safety equipment like safety boots, goggles, helmets and safety belts, to all the workers.
5. Power shut down shall be taken before commencement of the work wherever power cables are running.
6. Proper and necessary scaffolding and ladders are to be used for carrying out all types of works.
7. Any damage to the 3<sup>rd</sup> party / persons to be taken care by insurance etc. insurance shall be for full or partial injury, death, medical treatment shall be borne by the agency only, BHEL shall not be responsible for the accidents and money incurred on their account by agency.

Special Instructions :

1. If the tender is made by an individual, it shall be signed with his full name and his address shall be furnished. If it is made by firm, it shall be signed with the co-partnership name by a member of the firm, who shall also sign his own name, also furnish the name and address of each member of the firm. If the tender is made by a corporation, it shall be signed by a duly authorised Officer who shall produce with the tender, satisfactory evidence of his authorisation. Such tendering corporation/firm is required to furnish evidence of its existence along with bid.
2. The EMD will be refunded to the unsuccessful Tenderers on application after rejection of the tender is intimated. The earnest money will be retained in the case of the successful tenderers and either of the cases will not carry any interest. It will be dealt with as provided in the conditions attached to the tender.
3. Whenever a tender is to be accepted, the tenderer, whose tender is under consideration, shall attend the Office of " Officer Inviting the Tender " on the date fixed by written intimation to him. He shall forthwith, upon intimation being given to him by the "Officer Inviting the Tender" (Ex. DGM (CDC)) for acceptance of his tender, complete the execution of the agreement by signing all documents connected therewith. Failure to do so and not to commence the work within one month from the date of intimation, shall entail forfeiture of the earnest money.
4. Tenderers shall peruse carefully the instructions and directions to the parties given in the tender document and the conditions there of and all other relevant documents before quoting the rates for the work. The approximate quantity of work to be executed under each class is given in the schedule. The quantities are given with a view to enable tenderer to quote his overall rate for each class of work in the tender form and for an uniform comparison of tenders. It shall be definitely understood that the schedule is liable to alterations at the discretion of accepting authority.
5. Tenderers shall keep the offer valid for a period of 120 days from the date of opening of tender. After submitting the tender, he will not recall his offer or modify the terms and conditions thereof. Should the tenderer fail to observe or comply with the foregoing stipulations, the EMD shall be forfeited.
6. Tenderers have to quote their rates in the tender schedule legibly written in figures and words and those not submitted in proper form are liable for rejection.
7. The submission of tender shall be strictly in accordance with the terms and conditions stipulated in this tender notice. No counter conditions will be acceptable or valid.
8. The tenderers must satisfy themselves by personal study and examination of the BHEL Campus and understand thoroughly the scope of proposed work in detail and all conditions affecting the work before quoting. There shall not be at any time after submission of the tender, dispute/complaint of any nature regarding the scope of work and interpretation of specifications or any misunderstanding with regard to nature or omission of the work to be done nor shall any application for compensation in terms of time and money shall be accepted by BHEL in regard to the above.
9. Contractor shall be deemed to have included in his tender price of all the plant, machinery and appliances required for the purpose of all operations connected with the work embraced under the contract to secure a satisfactory quality of work and rate of progress which in the opinion of the " Contract Signing Officer" will ensure the completion of the work within the time specified.
10. The contractor has to produce the bank guarantee, in the prescribed proforma valid for the contract period for a value calculated at the rates mentioned, towards security deposit. The claim period under the guarantee shall be valid for six months after expiry of the contract.
11. This is a time bound contract for period mentioned, and does not envisage any extension of time / period unless otherwise it is given in writing.
12. The rates quoted by the contractor should be firm during the execution of the contract period. There shall be no revision in contract rates during the period of the contract. Agency has to quote his price by considering all the consolidated wages /Bonus payable to workers/ BHEL wages (which consists of state Govt. minimum wages and additional payments), allowances, deploying of JCB (8 Hrs) once in every month to drive the

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**ACCEPTING AUTHORITY**

garbage at dumping yard and other statutory dues payable to workers. BHEL will not reimburse any additional amount payable to contractor other than the quoted amount.

Annexure-1

## Certificate by Chartered Accountant on Letter Head

This is to certify that M/s.  
 ..... (hereinafter referred to as 'company') having its registered office at ..... Is registered under MSMED Act 2006, (Entrepreneur Memorandum No (Part-II) ..... dtd: ..... Category: ..... (micro/small). (copy enclosed).

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

1. For manufacturing enterprises: Investment in the plant and masonry (i.e., original cost excluding land and welding and the items specified by the ministry of small scale industries vide its notification No. S.O. 1722 (E) dated October 5, 2016.  
 Rs. .... Lakhs.
2. For Service Enterprises: Investment in equipment (original cost excluding land and building and furniture, fitting and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006:  
 Rs. ....

(Strike off whichever is not applicable)

The above investment Rs. .... Lakhs is within permissible limit of Rs. .... Lakhs per ..... micro / small (Strike off which is not applicable) category under MSMED Act, 2006.

Or

The company has been graduated from its original category (micro / small) (strike of which is not applicable) and the date of graduation of such enterprise from its original category is ..... ( dd/mm/yyyy) which is within the period of three years from the date of graduation of such enterprise from its original category as notified vide S.O. No. 3322 (E) dated: 01.11.2013 published in the gazette notification dated . 04.11.2013 by ministry of MSME.

Date.  
 (signature)  
 Name:-

Membership number:-

Seal of Chartered Accountant

Annexure-2

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ANNEXURE TO MODEL CONCILIATION CLAUSE FOR CONDUCT OF CONCILIATION UNDER THE  
BHEL CONCILIATION SCHEME, 2018  
BRIEF PROCEDURE FOR CONDUCT OF CONCILIATION PROCEEDINGS

1. The proceedings of Conciliation shall broadly be governed by Part-III of the Arbitration and Conciliation Act 1996 or any statutory modification thereof and as provided herein.
2. The party desirous of resorting to Conciliation shall send an invitation/notice in writing to the other party to conciliate specifying all points of Disputes with details of the amount claimed. The party concerned shall not raise any new issue thereafter. Parties shall also not claim any interest on claims/counter-claims from the date of notice invoking Conciliation till the conclusion of the Conciliation proceedings. If BHEL is to initiate Conciliation, then, the invitation to Conciliate shall be extended to the concerned Stakeholder in Format 7 hereto. Where the stakeholder is to initiate the Conciliation, the notice for initiation of Conciliation shall be sent in Format-8 hereto.
3. The party receiving the invitation/notice for Conciliation shall within 30 days of receipt of the notice of Conciliation intimate its consent for Conciliation along with its counter-claims, if any.
4. The Conciliation in a matter involving claim or counter-claim (whichever is higher) up to Rs 5 crores shall be carried out by sole Conciliator nominated by BHEL while in a matter involving claim or counter-claim (whichever is higher) of more than Rs 5 crores Conciliation shall be carried out by 3 Conciliators nominated by BHEL. The appointment of Conciliator(s) shall be completed and communicated by the concerned Department/Group of BHEL Unit/Division/Region/Business Group to the other party and the Conciliator(s) within 30 days from the date of acceptance of the invitation to conciliate by the concerned party in the Format-9. The details of the Claim, and counter-claim, if any, shall be intimated to the Conciliator(s) simultaneously in Format-5.
5. The Parties shall be represented by only their duly authorized in-house executives/officers and neither Party shall be represented by a Lawyer.
6. The first meeting of the IEC shall be convened by the IEC by sending appropriate communication/notice to both the parties as soon as possible but not later than 30 days from the date of his/their appointment. The hearings in the Conciliation proceeding shall ordinarily be concluded within two (2) months and, in exceptional cases where parties have expressed willingness to settle the matter or there exists possibility of settlement in the matter, the proceedings may be extended by the IEC by a maximum of further 2 months with the consent of the Parties subject to cogent reasons being recorded in writing.
7. The IEC shall thereafter formulate recommendations for settlement of the Disputes supported by reasons at the earliest but in any case within 15 days from the date of conclusion of the last hearing. The recommendations so formulated along with the reasons shall be furnished by the IEC to both the Parties at the earliest but in any case within 1 month from the date of conclusion of the last hearing.
8. Response/modifications/suggestions of the Parties on the recommendations of the IEC are to be submitted to the IEC within time limit stipulated by the IEC but not more than 15 days from the date of receipt of the recommendations from the IEC.
9. In the event, upon consideration, further review of the recommendations is considered necessary, whether by BHEL or by the other Party, then, the matter can be remitted back to the IEC with request to reconsider the same in light of the issues projected by either/both the Parties and to submit its recommendations thereon within the following 15 days from the date of remitting of the case by either of the Parties.
10. Upon the recommendations by the Parties, with or without modifications, as considered necessary, the IEC shall be called upon to draw up the Draft Settlement Agreement in terms of the recommendations.
11. When a consensus can be arrived at between the parties only in regard to any one or some of the issues referred for Conciliation the draft Settlement Agreement shall be accordingly formulated in regard to the said Issue(s), and the said Settlement Agreement, if signed, by the parties, shall be valid only for the said issues. As regards the balance issues not settled, the parties may seek to resolve them further as per terms and conditions provided in the contract.
12. In case no settlement can be reached between the parties, the IEC shall by a written declaration, pronounce that the Conciliation between the parties has failed and is accordingly terminated.
13. Unless the Conciliation proceedings are terminated in terms of para 22 (b), (c) & (d) herein below, the IEC shall forward his/its recommendations as to possible terms of settlement within one (1) month from the date of last hearing. The date of first hearing of Conciliation shall be the starting date for calculating the period of 2 months.

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14. In case of 3 members IEC, 2 members of IEC present will constitute a valid quorum for IEC and meeting can take place to proceed in the matter after seeking consent from the member who is not available. If necessary, videoconferencing may be arranged for facilitating participation of the members. However, the IEC recommendations will be signed by all members. Where there is more than one (1) Conciliator, as a general rule they shall act jointly. In the event of differences between the Members of IEC, the decision/recommendations of the majority of the Members of IEC shall prevail and be construed as the recommendation of the IEC.
15. The Draft Settlement Agreement prepared by the IEC in terms of the consensus arrived at during the Conciliation proceedings between the Parties shall be given by the IEC to both the parties for putting up for approval of their respective Competent Authority.
16. Before submitting the draft settlement agreement to BHEL's Competent Authority viz. the Board Level Committee on Alternative Dispute Resolution (BLCADR) for approval, concurrence of the other party's Competent Authority to the draft settlement agreement shall be obtained by the other party and informed to BHEL within 15 days of receipt of the final draft settlement agreement by it. Upon approval by the Competent Authority, the Settlement Agreement would thereafter be signed by the authorized representatives of both the Parties and authenticated by the members of the IEC.
17. In case the Draft Settlement Agreement is rejected by the Competent Authority of BHEL or the other Party, the Conciliation proceedings would stand terminated.
18. A Settlement Agreement shall contain a statement to the effect that each of the person(s) signing thereto (i) is fully authorized by the respective Party(ies) he/she represents, (ii) has fully understood the contents of the same and (iii) is signing on the same out of complete freewill and consent, without any pressure, undue influence.
19. The Settlement Agreement shall thereafter have the same legal status and effect as an arbitration award on agreed terms on the substance of the dispute rendered by an arbitral tribunal passed under section 30 of the Arbitration and Conciliation Act, 1996.
20. Acceptance of the Draft Settlement Agreement/recommendations of the Conciliator and/or signing of the Settlement Agreement by BHEL shall however, be subject to withdrawal/closure of any arbitral and/or judicial proceedings initiated by the concerned Party in regard to such settled issues.
21. Unless otherwise provided for in the agreement, contract or the Memorandum of Understanding, as the case may be, in the event of likelihood of prolonged absence of the Conciliator or any member of IEC, for any reason/incapacity, the Competent Authority/Head of Unit/Division/Region/Business Group of BHEL may substitute the Conciliator or such member at any stage of the proceedings. Upon appointment of the substitute Conciliator(s), such reconstituted IEC may, with the consent of the Parties, proceed with further Conciliation into the matter either de-novo or from the stage already reached by the previous IEC before the substitution.
22. The proceedings of Conciliation under this Scheme may be terminated as follows:
  - a) On the date of signing of the Settlement agreement by the Parties; or,
  - b) By a written declaration of the IEC, after consultation with the parties, to the effect that further efforts at conciliation are no longer justified, on the date of the declaration; or
  - c) By a written declaration of the Parties addressed to the IEC to the effect that the Conciliation proceedings are terminated, on the date of the declaration; or,
  - d) By a written declaration of a Party to the other Party and the IEC, if appointed, to the effect that the Conciliation proceedings are terminated, on the date of the declaration; or,
  - e) On rejection of the Draft Settlement Agreement by the Competent Authority of BHEL or the other Party.
23. The Conciliator(s) shall be entitled to following fees and facilities:

S1 No	Particulars	Amount
1	Sitting fees	Each Member shall be paid a Lump Sum fee of Rs 75,000/- for the whole case payable in terms of paragraph No. 27 herein below.
2	Towards drafting of settlement agreement	In cases involving claim and/or counter-claim of up to Rs 5crores. Rs 50,000/- (Sole Conciliator) In cases involving claim and/or counter-claim of exceeding Rs 5 crores but less than Rs 10

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		crores. Rs 75,000 (per Conciliator) In cases involving claim and/or counter-claim of more than Rs 10 crores. Rs 1,00,000/- (per Conciliator) Note: The aforesaid fees for the drafting of the Settlement Agreement shall be paid on the, Signing of the Settlement Agreement after approval of the Competent Authority or Rejection of the proposed Settlement Agreement by the Competent Authority of BHEL
3	Secretarial expenses	Rs 10,000/- (one time) for the whole case for Conciliation by a Sole Member IEC. Where Conciliation is by multi member Conciliators –Rs 30,000/- (one time)- to be paid to the IEC
4	Travel and transportation and stay at outstation i) Retired Senior Officials of other Public Sector Undertakings (pay scale wise equivalent to or more than E-8 level of BHEL)	As per entitlement of the equivalent officer (pay scale wise) in BHEL.
	<i>Others</i>	<i>As per the extant entitlement of whole time Functional Directors in BHEL. Ordinarily, the IEC Member(s) would be entitled to travel by air Economy Class.</i>
5	Venue for meeting	Unless otherwise agreed in the agreement, contract or the Memorandum of Understanding, as the case may be, the venue/seat of proceedings shall be the location of the concerned Unit / Division / Region / Business Group of BHEL. Without prejudice to the seat/venue of the Conciliation being at the location of concerned BHEL Unit / Division / Region / Business Group, the IEC after consulting the Parties may decide to hold the proceedings at any other place/venue to facilitate the proceedings. Unless, Parties agree to conduct Conciliation at BHEL premises, the venue is to be arranged by either Party alternately.

24. The parties will bear their own costs including cost of presenting their cases/evidence/witness (es)/expert(s) on their behalf. The parties agree to rely upon documentary evidence in support of their claims and not to bring any oral evidence in IEC proceedings.
25. If any witness(es) or expert(s) is/are, with the consent of the parties, called upon to appear at the instance of the IEC in connection with the matter, then, the costs towards such witness(es)/expert(s) shall be determined by the IEC with the consent of the Parties and the cost so determined shall be borne equally by the Parties.
26. The other expenditures/costs in connection with the Conciliation proceedings as well as the IEC's fees and expenses shall be shared by the Parties equally.
27. Out of the lump sum fees of Rs 75,000/- for Sitting Fees, 50% shall be payable after the first meeting of the IEC and the remaining 50% of the Sitting Fees shall be payable only after termination of the conciliation proceedings in terms of para 22 hereinabove.
28. The travelling, transportation and stay at outstation shall be arranged by concerned Unit as per entitlements as per Serial No. 4 of the Table at para 23 above, and in case such arrangements are not made by the BHEL Unit, the same shall be reimbursed to the IEC on actuals limited to their entitlement as per Serial No. 4 of the Table at Para 23 above against supporting documents. The IEC Member(s) shall submit necessary invoice for claiming the fees/reimbursements.

SIGNATURE OF TENDERER

ACCEPTING AUTHORITY

29. The Parties shall keep confidential all matters relating to the conciliation proceedings. Confidentiality shall extend also to the settlement agreement, except where its disclosure is necessary for purposes of its implementation and enforcement or as required by or under a law or as per directions of a Court/Governmental authority/ regulatory body, as the case may be.
30. The Parties shall not rely upon or introduce as evidence in any further arbitral or judicial proceedings, whether or not such proceedings relate to the Disputes that is the subject of the Conciliation proceedings:
  - a. Views expressed or suggestions made by the other party in respect of a possible settlement of the Disputes;
  - b. Admissions made by the other party in the course of the Conciliator proceedings.
  - c. proposals made by the Conciliator;
  - d. The fact that the other Party had indicated his willingness to accept a proposal for settlement made by the Conciliator
31. The Parties shall not present the Conciliator(s) as witness in any Alternative Dispute Resolution or Judicial proceedings in respect of a Disputes that is/was the subject of that particular Conciliation proceeding.
32. None of the Conciliators shall act as an arbitrator or as a representative or counsel of a Party in any arbitral or judicial proceeding in respect of a Disputes that is/was the subject of that particular Conciliation proceeding.
33. The Parties shall not initiate, during the Conciliation proceedings, any arbitral or judicial proceedings in respect of a Disputes that is the subject matter of the Conciliation proceedings except that a Party may initiate arbitral or judicial proceedings where, in his opinion, such proceedings are necessary for preserving his rights including for preventing expiry of period of limitation. Unless terminated as per the provisions of this Scheme, the Conciliation proceedings shall continue notwithstanding the commencement of the arbitral or judicial proceedings and the arbitral or judicial proceedings shall be primarily for the purpose of preserving rights including preventing expiry of period of limitation.
34. The official language of Conciliation proceedings under this Scheme shall be English unless the Parties agree to some other language.

Issued to: \_\_\_\_\_  
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BHARAT HEAVY ELECTRICALS LIMITED  
 RAMACHANDRAPURAM :: HYDERABAD-32  
 TOWNSHIP ADMINISTRATION

TENDER DOCUMENTS  
 PART B-PRICE BID

Name of the work: *“Rate Contract for Carrying Out Routine Annual Civil Maintenance Works like Masonry, Flooring, Plumbing, Fabrication, Carpentry, Painting and Horticulture Works etc., in Township.”*

Tender Notice: *HY/TA/OT-09/2021-22, Dated: 26.08.2021*

#### INDEX

1. Price bid –Schedule of Rates

**SIGNATURE OF TENDERER**

**ACCEPTING AUTHORITY**