



Bharat Heavy Electricals Limited
(A Government of India Undertaking)
Boiler Auxiliaries Plant
Ranipet-632406

Ref No. 975522055E

WORKS CONTRACT MANAGEMENT

NOTICE INVITING TENDER	
Tender Notice No	975522055E, DT: 23/01/2023
Nature of work	Electrical Petty Works at BHEL, Ranipet Premises.
Type of tender	Open tender (Two part bid).
Period of contract	Two Years from the date of commencement of work
Earnest Money Deposit (EMD) Amount	Rs.1,39,620/- (Rupees One Lakh Thirty-Nine Thousand Six Hundred and Twenty Only) MSME and Start-up vendors also have to pay EMD.
Tender download start date	23/01/2023
Last date & Time for Receipt of the Tender	04/02/2023 at 11:00 Hrs.
Date of Technical bid Opening	04/02/2023 at 16:00 Hrs. onwards.
<i>(Please obtain updated information from the e-Procurement portal about the latest applicable dates & other changes if any in the tender contents)</i>	
Date of Price Bid Opening	Bidders whose technical bids are found acceptable will be intimated separately about the status of their offers and the date of opening of Price Bid.
Submission of Tender	Online submission through BHEL eProcurement Portal website: https://eprocurebhel.co.in/nicgep/app
Tender Opening	Online through e-Procurement Portal
Note:	
1. The Tender documents can be down loaded from BHEL eProcurement Portal website: https://eprocurebhel.co.in/nicgep/app and also BHEL website (https://www.bhel.com/tenders).	
2. BHEL, Ranipet reserves the right to accept or reject any or all tenders without assigning any reasons whatsoever.	
3. All corrigenda, addenda, amendments, clarifications etc. to tender specification will be hosted in the web pages (https://eprocurebhel.co.in/nicgep/app) only.	
4. Bidders shall keep themselves updated with all such developments.	
5. BHEL Ranipet reserves the right to reject any tender on the basis of unsatisfactory performance of the bidder in any ongoing job or any similar job in the past.	
6. BHEL will finalize the contract through Reverse Auction.	
7. Contract will be awarded to single bidder only.	

Note: - 1) Tenderer should sign and affix seal in all the pages of this tender document and in all supporting documents.

Yours faithfully,
for and on behalf of BHEL.,
Deputy Manager /WCM

We hereby accepted above
(signature & seal of bidder)



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SCOPE OF WORK

1. The contractor has to mobilize required men and materials to complete the work as per requirement of the BHEL.
2. BHEL reserves the right for extending the contract period based on the mutual agreement.
3. The quantities given on the Bill of materials against each schedule is tentative / approximate and is subject to variation before ending the contract without any compensation. There may be execution of excess quantum (or) Non execution of any items given in the schedule (or) lesser execution of any items in the schedule.
4. The bidder shall note the clause (3) above before quoting.
5. The contractor has to execute any item of work irrespective of the quantity without any reservation till the total value of contract.
6. Water, Electricity, compressed air, will be provided by BHEL at free of cost.
7. No advance / mobilization advance will be given.
8. All works shall be carried out as per standard specifications and instructions of Engineer-in-charge.
9. All materials, colour, shade, brand, etc. shall be as per Instruction of the Engineer-in-charge before start of the work and shall confirm to the latest standards.
10. For Mechanical works, all Spares will be supplied by BHEL at Free of Cost. Required guidelines will be provided to carry out the aforesaid works. Any Special tools also will be provided by BHEL.
11. The contractor generally has to carry out the petty works in general shift i.e. from 8:30 hrs. to 17:30 hrs. The time may be varying according to factory operating time.
12. Factory will be operated at Round the clock for production and maintenance work. If there any urgent requirement, contractors asked to attend the work at any time including Sundays and Holidays.
13. For contract workers, there is mess available inside the factory. The food is available at subsidized rates.
14. **The period of contract is two years from the date of commencement of work.** And work is to be commenced as per instruction of BHEL official. The billing will be done only for executed quantities. The quantity of each item in the schedule of work may vary to any extent depends up on actual requirement. The bidders are advised to visit our factory and ascertain the working conditions before quoting.
15. **Contractor's Supervision**
The contractor shall either himself to supervise the execution of the contract or shall be appointed a skilled person/Site Engineer at Work Place, as to acceptable by BHEL.

Orders given to the skilled person/Site Engineer shall be considered to have the same force as if they have been given to the Contractor himself.

The Contractor or his skilled person/Site Engineer shall attend when required without making any claim for doings, either the office of the BHEL/Ranipet or the officer-Incharge, to receive instructions.

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16. BHEL/Ranipet shall have full powers and without assigning any reason, require the Contractor to immediately cease to employ in connection with this contract, any agent, servant or employee where continued employment is, in his opinion undesirable. The Contractor shall not be allowed any compensation on this account.
17. Copy of authorization letter / power of attorney for skilled person/Site Engineer to deal with BHEL/Ranipet (only in case of owner of the firm is different from authorized signatory).
18. After awarding the work, all required documents have to sign with his usual signature only by the contractor. Contractor by partnership of Hindu Joint Family firm, may be signed in the FIRM'S name by one of the Partners or the Karta or Manager as the case may be or by any other duly authorized representative followed by the name and designation of the persons so signing. Contractor by a Company shall be signed with the name of the Company by a person authorized in this behalf and a power of attorney or other satisfactory proof showing that the persons signing the Contract documents on behalf of the Company is duly authorized to do so, shall accompany the contract.

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PRE-QUALIFICATION REQUIREMENT

An essential qualification requirement of the contractor for tender submission shall be as under:

1. The average financial turnover of the contractor during last 3 years out of last 5 financial years (beginning from 01.04.2017 -31.03.2022) should be **at least Rs.20.94/- lakh**. While calculating Annual Turnover / Sales, other operating income and other income shall not be considered

The bidder has to submit financial accounts (audited, if applicable comprising of Audit report, Balance Sheet, Profit & Loss A/c Statement and Notes/Schedules pertaining to Turnover/Sales/Revenue), for 5 years (or from the date of incorporation, whichever is less) as on tender due date to review the above criteria. In case the incorporation of vendor is less than 3 years, average annual financial turnover shall be calculated based on available information as below: -

- a) If the accounts are available for ≤ 1 Financial Year, the Average Annual Turnover shall be calculated based on available information divided by 1 (One).
 - b) If the accounts are available for >1 but ≤ 2 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 2 (Two).
 - c) If the accounts are available for >2 but ≤ 3 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 3 (Three).
2. Only those bidders shall quote who have completed successfully i.e. 'Operation of Electrical substation HT/MV/LT (or) O&M of Electrical Works in the field of HT/MV/LT (or) Installation of HT/MV/LT Electrical works (or) Maintenance of HT substation" as similar works during the last 7 years ending as on 31.12.2022 should be either of the following: -
 - a) Three similar completed works each costing not less than the amount equal to **Rs 27.92 /- Lakh.**
(or)
 - b) Two similar completed works each costing not less than the amount equal to **Rs. 34.90 /- Lakh.**
(or)
 - c) One similar completed works costing not less than the amount equal to **Rs. 55.84 /- Lakh**

The above values are excluding GST.

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3. The bidders must have valid “ESA/EA/ESB/ A” grade Electrical License of State Electricity Board of Tamil Nadu / Other States & Similar Work Orders in their own name to meet the eligibility criteria.
4. All MSE (Micro / Small) bidders are exempted from prior experience and prior turnover subject to meeting of quality and technical specifications but must have valid “ESA/EA/ESB/ A” grade Electrical License of State Electricity Board of Tamil Nadu / Other States in their own name to meet the eligibility criteria. Bidders have to submit valid Udyam Registration certificate.
5. All start-ups recognized by Department for Promotion of Industry & Internal trade (DPIIT) are exempted from prior experience and prior turnover but must have valid “ESA/EA/ESB/ A” grade Electrical License of State Electricity Board of Tamil Nadu / Other States in their own name to meet the eligibility criteria subject to meeting of quality and technical specifications. For availing start-up benefits, relevant certificates issued by department of industrial policy and promotion (DIPP) shall be submitted along with the techno-commercial bid.

QUALITY AND TECHNICAL SPECIFICATIONS

Vendor should possess facility with necessary tools & skilled man power and Knowledge to carry out Electrical installation (or) maintenance works. Self-declaration should be submitted for the same by MSE (Micro / Small) bidders and Start-up bidders. The bidders must have valid “ESA/EA/ESB/ A” grade Electrical License of State Electricity Board of Tamil Nadu / Other States in their own name to meet the eligibility criteria.

Offers of the Bidder's not meeting the above pre-qualification criteria will be liable for rejection.

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CHECK LIST

(to be filled by Bidder)

S No	Description	To be filled by bidder
1	Name of the Tenderer	
2	Address for Communication	
3	Email Cell Phone Fax	
4	Whether the firm is individual firm or Sole proprietorship firm or partnership firm or Hindu undivided Family or association of persons or Private Limited company or Public Limited company or any other please specify	
5	Whether the contractor has registered his workmen under employees State Insurance Act. If so, the Registration No./ Enrolment Number may be furnished. (Photo copy is to be enclosed)	
6	PAN no and documentary proof (Photo copy has to be enclosed)	
7	The GST heads under which the enlisting person registered with GST Authorities and copy of GST registration certificate has to be enclosed.	
8	Whether the contractor has registered his workmen under Employees Provident Fund and Miscellaneous Provisions Act. (Photo copy is to be enclosed)	
9	Applicable GST quoted Note: Please refer clause no.19 (page no. 17) of Special Instructions of this Tender regarding GST.	Central tax@ _____% State tax @ _____% Integrated tax@ _____% Union territory tax@ _____%
10	EMD Details	
11	MSE Details (for reverse auction purpose)	
12	Start Up details (if applicable)	

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Instructions to Bidder

1. Earnest Money Deposit (EMD) amount of **Rs.1,39,620/- (Rupees One Lakh Thirty-Nine Thousand Six Hundred and Twenty Only)**, must be accompanied with the tender in the form of: -

- a) Demand Draft (DD) drawn from any nationalized bank in favour of “BHEL, Ranipet” payable at Ranipet (or) SBI, Mukundarayapuram (code 7013).
- b) Fixed Deposit Receipt issued by scheduled banks/ Public Financial Institutions as defined in the company’s act. FDR should be in the name of the contractor, a/c BHEL.

Note: If bidder is paying EMD through Demand Draft or Fixed Deposit Receipt (FDR), original copy to be sent to the following address **before due date of tender opening**:

**DEPUTY MANAGER/ WCM DEPARTMENT,
ENGG. BUILDING – GROUND FLOOR (WEST SIDE),
BHARAT HEAVY ELECTRICALS LIMITED,
RANIPET, Ranipet DISTRICT,
TAMIL NADU– 632 406.**

Also scanned copy of EMD to be submitted along with the technical bid.

- c) Pay online (SBI Collect)
 - i. Visit <https://www.onlinesbi.com/sbicollect/icollecthome.htm>
 - ii. Click “Proceed” button
 - iii. Select “Tamilnadu” in the drop down menu under “State of Corporate/Institution”.
 - iv. Select “PSU-PUBLIC SECTOR UNDERTAKING” in the next drop down menu under “Type of Corporate/Institution”
 - v. Click “Go” button
 - vi. Select “BHEL BAP RANIPET” in the drop down menu under “PSU-PUBLIC SECTOR UNDERTAKING”.
 - vii. Click “Submit” Button
 - viii. Select “EMD” in the drop down menu under “Select Payment Category”
 - ix. Now Fill in the required details and ensure correctness of data filled. Ensure that you are entering correct enquiry/tender number and other details correctly.
 - x. Make payment for EMD as required in tender after entering the details and enclose copy of receipt along with tender documents.

- d) Bidders can pay EMD through online on below account:

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NAME OF BANK	STATE BANK OF INDIA
BANK BRANCH ADDRESS	STATE BANK OF INDIA BHEL PROJECT BRANCH MUKUNDARAYA PURAM BHEL TOWNSHIP RANIPET-632406
ACCOUNT NO	10664849171
MICR CODE	632002003
IFSC CODE	SBIN0007013
SWIFT CODE	SBININBB450

2. **All the bidders have to pay EMD amount for participation in tender.**
3. The Earnest Money Deposited by the successful tenderer will be retained towards security deposit for the due fulfilment of the contract.
4. In the case of unsuccessful tenderers, the earnest money will be refunded normally within 15 days of acceptance of award of work by the successful tenderer.
5. "No interest shall be payable by BHEL on Earnest Money or Security Deposit, if applicable, or any money due to the contractor by BHEL".
6. "BHEL shall have the right to recover any money due from the contractor from any money due to the contractor under this contract or any other contract or from the security deposit".
7. The Bharat Heavy Electricals Limited, reserves the right to reject any or all the tenders received or accept any tender or part thereof without assigning any reason there for.
8. Should a tenderer or a contractor has a relative or in the case of a firm or company of contractors, any of its shareholders or shareholder's relative, employed in Bharat Heavy Electricals Limited, the authority inviting tenders shall be informed of this fact at the time of submission of the offer, failing which the offer may be disqualified or if such fact subsequently come to light, the contract may be cancelled.
9. BHEL employees and their dependents are NOT eligible to submit their offer against this contract. Even if they submit out of ignorance, the offer shall be disqualified.
10. If the contractor deliberately, gives wrong information in his tender or creates conditions favourable for the acceptance of his tender, Bharat heavy Electricals Limited reserves the right to reject such tender at any stage.
11. Canvassing in any form in connection with the tender is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.

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12. **AGREEMENT:** The tenderer after award of work by BHEL through letter of intent/work order shall execute an agreement in the form and the manner as specified by BHEL on non-judicial stamp paper of value not less than Rs.100.00. The cost of stamp paper will be borne by contractor.
13. **STAMPING THE AGREEMENT:** The expenses of completing and stamping the agreement are borne by the contractor.
14. **Multiple Bids: -**
The bidder in his own interest shall submit only one id. If a bidder submits multiple bids, all the bids are liable for rejection. Bids shall be considered "Multiple" in the following circumstances:
a) Two bids by the same party
b) If one bidder is the affiliate of another bidder.
For the purpose of this clause "Affiliate" shall mean with respect to any person, any other person that directly or indirectly, controls, is controlled by, or is under direct or indirect common control with, such person, or is a director/ member/ office/ employee of such person or of any person who would otherwise qualify as an affiliate of such person pursuant to this definition.
"Person" for the purposes of this definition shall mean any natural person, individual, corporation, limited partnership, co-operative, general partnership, joint stock company, joint venture, association, company, trust bank, trust company, land trust, business trust, corporate body or other organization, whether or not a legal entity.
15. Offers of the Contractors/Suppliers, against whom, any unit of BHEL had initiated process for "Suspension of Business Dealings" or already done will summarily be rejected.
16. **Suspension of Business dealings with Suppliers:**
Any supplier against whom action has been initiated under "suspension of business dealings with suppliers" are not qualified to participate in this tender. Before submitting offer, prospective bidders are advised to visit our web-site www.bhel.com / supplier registration to familiarize themselves with BHEL's policy and procedures of Suspension of Business Dealings with Suppliers. Submission of offer shall be deemed to be evidence of the Bidder to have read and understood the above said policy.
17. **Treatment of Banned / Under-performing Vendors:**
Any supplier who has been put on "Hold" or "Banned" from having business dealings with BHEL, Ranipet or any other unit of BHEL shall not submit their offer against this tender. If any such offers are received they would be summarily rejected and sent back. During the processing of tender, if any unit of BHEL puts a supplier on "Ban" then further processing of the offer will not be taken up and in case an order is placed, BHEL, Ranipet may resort at their discretion to cancel the PO either fully or partially.
18. In quoting the rates, the tenderers are advised to take into account of all the factors including any fluctuations in the market rates etc. No claim shall be entertained on this account after acceptance of the tender or during the currency of the contract.

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19. QUOTING: **The tenderer should quote the total lump sum amount for complete scope of work and BOQ excluding GST. Individual item rates for the all BOQ schedules will be arrived based on the lump sum amount quoted by the bidder & % percentage weightage indicated against each schedule. This amount shall be rounded off to the nearest Rupee.**
20. The rates quoted in the tender shall remain valid for a period of three months from the date of technical bid opening for acceptance by BHEL. No unsolicited revision in the tender offer shall be entertained after opening of tenders and till expiry of the validity period.
21. Any deviation to this tender terms & conditions and schedules of this tender will lead to total rejection of the offer submitted.
22. If a tenderer withdraws his offer after submission or after acceptance, fails to commence the contract as per instruction of M&S dept. officials, the earnest money deposited by him will be forfeited and acceptance of his tender will be withdrawn.
23. The Tenders shall closely pursue all the clauses, specifications indicated in the tender documents before quoting. Should the bidder have any doubt the meanings of any portion of the tender specification or find discrepancies or the tender documents issued are in complete or shall require clarification on any of the technical aspect, scope of work etc., he shall at once contact the authority inviting the tender for clarification before the submission of the tender.
24. Before tendering, the bidders are advised to inspect the site of work and the environments and be well acquainted with the actual working and other prevalent conditions, facilities available, position of material and labour. No claim will be entertained later, on the ground of lack of knowledge.
25. In the event of expiry or in capacitance of a tenderer after submission of the tender, BHEL may at their discretion cancel their offer/quotation.
26. The tenderers can visit BHEL on working days during office working hours for any clarifications before submitting their offer.
27. If vendor have their MSE Certificate (Micro/small only), they have to submit Udyam Registration Certificate. For Start-up bidders, they have to submit Certificate from Department for Promotion of Industry & Internal Trade.
28. **The contract will be finalized based on the overall LOWEST value and will be awarded to single bidder only.**
29. **Clause in case of Tie:**
"In the course of evaluation, if more than one bidder happens to occupy L-1 status, effective L-1 will be decided by soliciting discounts from the respective L-1 bidders. In case more than one bidder happens to occupy L-1 status even after soliciting discounts, L-1 bidder shall be decided by a toss / draw of lots, in the presence of the respective L-1 bidder(s) or their representative(s) - If available, otherwise the same procedures will be carried out to arrive for L1 ranking) Ranking will be done accordingly. BHEL's decision in such situations shall be final and binding."

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30. **Reverse Auction:** BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.
31. BHEL reserves the right to reject any tender on the basis of unsatisfactory performance of the bidder in any ongoing job or any similar job in the past.
32. The following points shall be taken note while quoting the rates:
 - a) The rate quoted shall be firm throughout the period of contract.
 - b) No work kept unfinished.
 - c) Contractor or his Supervisor has to be coordinate daily with BHEL for accessing the day to day job requirement.
 - d) All statutory requirements of works contract to be met with.
 - e) Contractor should not claim for any variation in quantity. At the end of completion, the contract may be extended on mutual agreement.
33. Possession of PF registration number is not mandatory. However, the successful tenderer has to register with PF authorities and furnish the registration number before first Running Account Bill.
34. **Bidders have to submit their offers through BHEL eProcurement portal only.**
35. Incomplete offers shall become liable for rejection.
36. EMD by the tenderer will be forfeited if
 - (i) After opening the tender, the tenderer revokes his tender within the validity period or increases his earlier quoted rates,
 - (ii) The tenderer does not commence the work within the period as per LOI/Contract. In case the LOI/ Contract is silent in this regard then within 15 days after award of contract.
37. All entries in the tender documents should be in one ink. Erasures and over-writings are not permitted. All correspondences and insertions should be duly signed by the tenderers concerned. Tenderer has to put sign and seal at the bottom right side in all the pages of tender documents.
38. The tenderer should fill and sign the “checklist of this Tender document” which forms part of the technical bid.
39. Conditional tenders, tender containing absurd rates and amounts, tenders which are incomplete or otherwise considered defective and tenders not in acceptance with the tender conditions laid down by the Accepting Officer, are liable for rejection.
40. If a tenderer expires after submission of his offer, the Bharat Heavy Electricals Ltd, may be at their discretion to reject such offer.
41. BHEL reserves the right to negotiate with L1 bidder.
42. Tenderers shall not increase their quoted rates in case BHEL negotiate for reduction of rates, such negotiations shall not amount to cancellation or withdrawn of the original offer and the rates originally quoted shall be binding on the tenderers for a period of three months from the date of opening of tenders.

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43. The tenderer should be present if called for negotiation. In case, the tenderer's authorized person is attending the negotiation such person should have the authorization letter and he should be capable of taking spot decisions.
44. The Successful Tenderer shall agree to the following conditions:
Contractor shall indemnify and keep indemnified BHEL, its other contractors and/or sub-contractors and its/their employees from all actions, proceedings, suits, claims, demands, liabilities, damages, losses, costs, charges, expenses judgments and fines arising out of or in the course of, or caused by the execution of work under the Contract or other obligations hereunder directly or indirectly associated herewith which may arise due to:
- i) breach of law by the Contractor, or any of its sub-contractor, or any of their respective employees.
 - ii) negligence or wilful default by the Contractor, or any of its sub-contractor, or any of their respective employees.
 - iii) failure by Contractor to proceed with Project in accordance with the determinations, instructions and clarifications of Company pending disagreement, dispute, protest, request for arbitration/ court proceedings
 - iv) loss of property or death of any employee of BHEL or of its other contractors/ sub-contractors.
- The above shall be without prejudice to any other remedy that may be available to BHEL whether as per law, contract, equity or otherwise. The quantum of work/ nature of work to be carried out ~~by the hired crane~~ will be decided by BHEL from time to time and the availability of the combination of work.
45. Discrepancy in "words "& "Figures ":
- a) If, in the price structure quoted for the required goods/services/works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
 - b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.
 - d) If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date 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.
46. The tenderers are requested to bear in mind the entire operations involved, and the conditions during currency of the contract, and request for rate revision of any kind will not be entertained.
47. BHEL will not be bound by any Power of Attorney granted by the tenderer or on their behalf or changes in the composition of the firm made subsequent to the execution

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of the contract. They may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the contractor concerned.

48. The general and special conditions of contract are complementary to each other and where there is a conflict, the special conditions shall prevail. In regard to matters not covered by the General or Special Conditions of Contract, those contained in the specifications approved by BHEL shall apply.
49. The "GENERAL CONDITIONS AND INSTRUCTIONS TO TENDERERS AND SPECIAL CONDITIONS TO THE TENDERER" shall be deemed to form an integral part of contract for the work to be entered into.
50. If a ring formation is suspected, BHEL may reject all offers or retender or call new sources who have not been contacted or responded against this tender.
51. BHEL reserves the right to accept or reject the lowest or any other tender or accept or reject any part of such tender without assigning any reasons therefor.
52. All the information as called for in the various clauses and annexure of tender specification should be furnished. The details so furnished should be complete in all respects and as per the formats prescribed in the Tender specification (Statutory requirement of Contract). The bidder may have to produce original documents for verification, if so decided by BHEL.
53. Offers received with any deviation or without relevant information are liable to be rejected.
54. The price quoted for this tender must be inclusive of all taxes and duties and GST.
55. For any tender related clarifications contact 04172283043/04172284698. Email Id: arunkumarc@bhel.in , mpcsekhar@bhel.in
56. For scope of work /BOQ related queries contact 04172284084, 284602. Email Id: riteshks@bhel.in , spsm@bhel.in
57. **WCM is arranging this contract as a nodal agency. Execution of work, Bill Certification, Bill passing, Payment, Penalty, Contract closing etc., is the responsibility of end user.**

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Special Terms and Conditions of the Contract

1. The contractor has to bring adequate manpower for carrying out and completion of the daily activities/works that are assigned by the concerned department Officials specified in the Tender Schedule. The manpower may be increased or decreased depends upon quantum of work. If the Contractor is not completing the assigned work in time as specified by BHEL, the same will be completed by BHEL engaging alternate resources and the difference in rate of payment with BHEL overheads will be debited/recovered from the Contractor. If such instance repeats frequently it will be viewed seriously. Whenever there is an additional requirement is communicated by the BHEL Officials, as per the need, the contractor should provide the additional manpower to carry out the work in time.
2. This work shall be in force for Two Years from the date of commencement of work. The period of the contract may be renewed or extended at the discretion of Bharat Heavy Electricals Limited.
3. The contractor will have to plan this work accordingly. Quantities shown in the attached schedules are indicative only and they are liable to vary depending upon the shop production. Any claim on account of variation of quantity will not be entertained. The period of contract may be extended on mutual agreement.
4. The contractor shall be solely responsible for the safe custody for the materials from the time the materials are handed over to him till the materials are delivered at the places specified and will indemnify the Bharat Heavy Electricals Limited against any loss, damage, breakage, shortage and pilferage of any materials while in his custody.
5. In case of any neglect or refusal on the part of the contractor to provide sufficient labour for the aforesaid work or if in the opinion of Officer-in-charge, the services provided by the contractor are not satisfactory, the Officer-in-charge shall be at liberty to make such arrangement as he may deem fit at the cost and expense of the contractor. The contractor shall be advised of the amount so incurred and he shall be bound to remit the sum within three days from the date of receipt of such advice. Failure to do so will entitle the Officer-in-charge to deduct the sum from the money due to the contractor.
6. The contractor shall either supervise the work or provide sufficient supervisors to supervise the work of his staff. The supervisors employed by the contractor shall ensure proper outturn of work and discipline is maintained by the labours and in general to see that the works are carried out in a safe and proper manner.
7. BHEL will not be responsible for the idle labour of the contractor for whatever reasons.
8. Should any error or ambiguity be discovered in the specification or information, the contractor shall forthwith bring the same to the notice of Bharat Heavy Electricals Limited before commencement of work. The BHEL's interpretation in such cases shall be final and binding on the contractor.
9. In case of any loss to Bharat Heavy Electricals Limited, caused due to stoppage of work without sufficient reason or damage to any equipment or components or any property thereof, due to the negligence and carelessness of the contractor's men, the responsibility shall rest with the contractor. The actual cost of the loss or damage together with the overhead will be recovered from the contractor's bill. The decision

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of BHEL regarding the cost of loss as well as the extent of cost of damage shall be final and conclusive.

10. The Contractor shall be present at the work spot daily and the work shall be carried out under direct supervision of the contractor. However, in his absence, authorized representatives/agent shall be available for receiving instructions and to carry out the work under proper supervision. The work shall not be sub-contracted / delegated.
11. Work carried out by BHEL on overlapping areas shall not be included in the claim and any deviations to this will be viewed seriously and treated as a violation to the contract.
12. The minimum safety equipment's required to be provided for the contractor's workmen under this contract are safety boots, leather hand gloves, welding screen, welding/cutting goggles and apron. It is the responsibility of the contractor not only to provide the work force with such safety equipment's at their cost as may be considered necessary for the execution of the work but also to ensure their wearing the above safety appliances, failing which corrective action will be taken by withholding the amount recommended by BHEL /Safety Officials for each violation, which may be released only after compliance of the same. The work shall not be commenced without wearing the above safety appliances. The contractor has to follow the BHEL Safety Rules and Regulations as stipulated from time to time would be followed strictly.
13. As required under the Tamilnadu contract Labour (Regulation and abolition) rules 1975, the contractor will have to obtain the License in advance. This should be produced as and when demanded, if not, appropriate action will be taken against the contractor.
14. Since with effect from 01.11.1990 Provident Fund becomes applicable for engagement of a worker even for a single day, deduction of PF by the contractor has to be ensured. All such contractors have to apply to the PF Commissioner and get a separate code number allotted to them if they have not already been allotted a number or registered elsewhere or they are an exempted establishment having their own PF Trust etc. Proof of deduction as well as remittance of the PF dues to the appropriate authorities has also to be shown and proper records maintained.
15. The Contractor has to apply and provide ESI facilities to all his employees concern. Similarly, the contractor shall cover all his workers under ESI scheme and produce the enrolment/Code number allotted by ESI Authorities. The contractor shall be asked to furnish along with the bill each month for having effected payment of both deduction/contribution towards PF/ESI to the concerned statutory authorities.
16. The workmen engaged under this contract shall be covered by a comprehensive insurance scheme in the joint names of the contractor and BHEL. A copy of the attested policy along with premium receipt shall be deposited with BHEL before commencement of work.
17. The contractor shall pay the minimum wages to his workers not less than the wages that are being notified by the Tamilnadu Government under the minimum wages Act applicable for Engineering and Fabrication industry from time to time.
18. The contractor has to ensure payment of the statutory prescribed minimum wages as applicable from time to time and maintain proper records of their timely

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disbursement. These records would need to be preserved and made available even after the contract is over for any verification by the various statutory authorities.

19. GST: -

Registration & GST Rate:

- a) Bidder should indicate GSTIN No. (Copy of GST registration to be enclosed) and PAN No. (copy of PAN to be enclosed).
- b) Tender will be considered/ accepted, if & only if the vendor has a valid GST Registration No.
- c) Central Tax/ State Tax/ Integrated Tax/ Union Territory tax to be quoted as extra in %.
- d) Bidders to ensure correct applicability of Central Tax/ State Tax/ Integrated Tax/ Union Territory tax based on the Inter / Intra state movement Supply of goods and provision services or both.

Invoicing & Payment:

- a) The Tax Invoice for supply of Goods & Services should be raised as per the provision of GST Act & Rules and must compulsorily mention the following: -
 - i. BHEL-RANIPET GSTIN: 33AAACB4146P2ZL or GSTIN of BHEL Nodal Agency as mentioned in NIT or informed subsequently.
 - ii. HSN Code or Service Accounting Code for supply of goods or services.
 - iii. Name & address of supplier
 - iv. GSTIN of Supplier
 - v. Consecutive Serial Number & date of issue
 - vi. Description of goods or services
 - vii. Total value of supply
 - viii. Taxable value of supply
 - ix. Tax Rate – Central Tax & State Tax or Integrated Tax, Cess
 - x. Amount of Tax charged
 - xi. Place of supply
 - xii. Address of delivery if different from place of supply
 - xiii. Signature of authorized signatory
- b) Reimbursement of GST to the vendor is contingent upon complying with the following condition by the service provider: -
 - i. Uploading the onward GST Return (GSTR-1) in GSTN Network portal within the statutory time period.
 - ii. Discharging the GST tax liability to the Government.
 - iii. Submission of Tax Invoice to BHEL.
 - iv. Submission of proof of payment of GST to BHEL.
 - v. Availing of Input Tax Credit by BHEL.

Input tax credit:

- a) In case GST credit is delayed/ denied to BHEL, due to non/delayed receipt of goods and/or services and/or tax invoice or expiry of timeline prescribed in GST Law for availing such ITC, or any other reason not attributable to BHEL, GST amount shall be recoverable from Vendor along with interest & penalty levied/ leviable.
- b) In case vendor delays declaring such invoice in his return and GST credit availed

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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 & penalty levied/ leviable on BHEL.

- c) In case of discrepancy in the data uploaded by supplier in the GSTN portal or in case of any incomplete work/service, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note (details to be uploaded in GSTN portal).
- d) For any such delay in availing of tax credit for reasons attributable to vendor (as mentioned above), interest as per the GST Act & Rules, along with penalty, if any will be deducted for the delayed period i.e. from the month of receipt till the month tax credit is availed, from the running bills.

Penalty for Non-compliance of GST Act:

Penalty amount so determined along with GST if applicable thereon shall be recovered from the contractor.

Anti-profiteering Measure:

Any reduction in rate of Tax on any supply of goods or services or the benefit of input tax credit shall be passed on to the recipient by way of commensurate reduction in prices.

Other Provisions:

- a) 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).
- b) In case any changes in taxes and duties as per Gov. Notification (including GST), the same shall be applicable from time to time.
- c) If the Contractor is not registered for any statutory obligation and not liable there to, then a declaration shall be submitted along with offer that they are within the threshold limit.
- d) If any changes in GST (statutory variation) will be to the account of BHEL. But if the variation is effective during the delayed/extended period of execution for reasons attributable to the vendor, the same shall be borne by the contractor only. The required compliance under relevant statute shall be carried out.

20. TERMS AND CONDITIONS WITH REGARD TO COMPLIANCE OF VARIOUS LABOUR LAWS BY THE CONTRACTORS FOR BHEL.

- a) The contractor shall not employ in connection with the work any person who has not completed 18 years of age.
- b) The contractor shall in respect of labour employed by him either directly or through sub-contractors, comply with or cause to be complied with the following statutory provisions and rules and in regard to all matters provided therein.
 - i. The contract labour (Regulation and abolition Act 1970) and the related Central Rules 1971.The minimum wages Act 1948 and the related Tamilnadu Rules.
- ii. The payment of wages Act 1936 and the related Tamilnadu Rules.

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- iii. The Factories Act 1948 and the related Tamilnadu Rules.
- iv. The Employees Provident Fund and Miscellaneous Provisions Act 1952.
- v. The Employees State Insurance Act 1948.
- vi. The workmen's Compensation Act 1923.
- vii. The Industrial Dispute Act 1947, and any other law, or modifications to the above or to the rules made there under from time to time.

c) REGISTRATION AND LICENSING:

Every contractor shall register his/her name with the welfare section of BHEL before taking up the work awarded to him/her by giving the following information and getting a code number:

- i. The name of the contractor.
- ii. Nature of contract work.
- iii. Period of work.
- iv. Number of maximum labour employed by him on any one day.
- v. License No. and date (applicable in case of contractors employing 20 or more worker)
- vi. Whether enrolled for PF, ESI etc., and enrolment No. (contractor shall obtain their own PF code)

This information is called for the purpose of informing the inspector of Factories wherever they call for information regarding contracts.

- d) The contractor employing 20 or more workmen is required to obtain license from the authorities (The Deputy Chief Labour Commissioner(Central) Chennai. This license shall be amended and/or renewed wherever there is an increase in the workmen employed by him/her or in the event of contract being extended or renewed. The contractor shall inform the license number to the BHEL management before taking up the work.
- e) The contractor (Licensed or unlicensed) shall promptly furnish every information and document required by BHEL authorities for the purpose of fulfilling their obligations as principal employer and/or occupier of the factory and shall render all necessary assistance for the same.
- f) The contractor shall get the contract labourers engaged by him/her insured under workmen's compensation policy from General Insurance Corporation of India.
- g) The contractor shall ensure that all his workmen are covered under the Employees State Insurance Act and produce the registration number/enrolment number to the welfare section before executing the contract.
- h) The contractor shall also ensure that all his/her workmen are covered under Employees Provident Fund and Misc. Provisions Act 1952.
- i) **Minimum wages to be paid per day by the contractor (in INR).**

Description	For Unskilled Worker	For Semi Skilled Worker (Fresh ITI)	Skilled Worker (ITI Holder with 3 years' experience/Diploma Holder/ BE holder)
Basic Pay as on 01.04.2022	255.00	265.00	273.50

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Dearness allowance as on 01.04.2022	236.19	236.19	236.19
BHEL Adhoc per day	106.77	126.00	141.38
Total wage per day	597.96	627.19	651.08
PF contribution@13% on total wages by employer*	77.74	81.54	84.64
ESI contribution@3.25% on total wages by employer	19.43	20.38	21.16
Bonus @8.33% on (Basic + DA)	40.92	41.75	42.46
EL Portion per day	29.90	31.36	32.55
Total amount	765.94	802.22	831.89

*PF contribution from employer to be restricted to 13% on Rs. 15,000/-

During contract period, Adhoc amount for contract workmen will be subsumed with any increase in Dearness Allowance / Basic wages. After subsuming of BHEL Adhoc fully, any further increase in minimum wages declared by State Govt. will be reimbursed by BHEL on production of proper evidence for the actual workers deployed.

The statutory requirements like PF, ESI will be applicable for the actual total wage per month inclusive of BHEL Adhoc. Bonus amount will be as per bonus act. Contractor quoted rate shall be inclusive of all the above payments including statutory payments thereon

- j) Payment of Bonus to be ensured as per Bonus act. The contractor has to pay the wages to their workers through worker's Bank account only.
- k) The contractor has to pay the wages to their workers through worker's Bank account only. no hand payment will be acceptable.
- l) The statutory requirements like PF (with sealing of Rs. 15,000), ESI will be applicable for the actual total wage per month inclusive of BHEL Adhoc. Contractor quoted rate shall be inclusive of all the above payments including statutory payments thereon.
- m) The contractor shall ensure payment of wages to the contract labour employed by him/her within three days from the end of wage period in case the wage period is one week or a fortnight & in all other cases before 10th day of the following month.
- n) All payment of wages shall be made on working days at the work site and during the working time and on dates notified in advance. In case the work is completed before the expiry of the wage period final payment shall be made within 48 hours of the last working day.
- o) Where the employment of any worker is terminated by or on behalf of the contractor, the wages earned by him shall be paid before the expiry of the second working day from the day on which his employment is terminated.
- p) Wages due to every worker shall be paid to him direct or to the person authorized by him in this behalf. All wages shall be paid in current coin or currency or in both.

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- q) The contractor shall ensure the disbursement of wages in the presence of such authorized representatives of BHEL management.
- r) The above payment shall be verified by the authorized officers/representatives of BHEL with the following certificate on the payment sheet certified that the amount shown in column No. has been paid to the workmen concerned in my presence on at
- s) A certificate of payment shall be furnished in duplicate by the contractor to the Engineer In-charge each month.
- t) A notice showing the wage period and the place and time of disbursement of wages shall be displayed at the place of work and a copy to be sent to the welfare department by the contractor under acknowledgement.
- u) Notices showing the rates of wages, weekly rest days, hours of work, wage period, date of payment of wages, names and addresses of the inspectors having jurisdiction, the date of unpaid wages shall be displayed in Tamil and English in conspicuous places at the establishment and working by the contractor. The contractor shall inform the BHEL management every month the details of contract labour engaged for each contact in the following form.
 - i. Serial Number
 - ii. Location
 - iii. Period of work
 - iv. No. of contract labour engaged during the month
 - v. No. of days worked
 - vi. No. of man days worked
 - vii. Wages paid to his/her workersThe above statement shall be furnished to BHEL management at the end of every month
- v) The following documents/formats under Contract Labour (Regulation and Abolition) Act 1970 and related Central Rules 1971 shall be maintained by each contractor.
 - i. Register of persons employed by the contractor.
 - ii. Employment Card.
 - iii. Service Certificate.
 - iv. Muster Roll, Wage Register, Deduction Register, Wage slip, Over time Register, Register of fines, Register of advances etc.,
- w) The contractor shall display the abstract of the contract labour (Regulation and application) Act and the rules there under both English and Tamil.
- x) Half yearly return shall be sent by the contractor in duplicate to the licensing officer.
- y) The contractor shall submit the returns required under the Contract Labour (Regulation and Abolition) Act 1970 periodically to BHEL management.
- z) The contractor shall without fail give up to date information in writing of the attendance of the workers employed by him/her.
- aa) The contractor shall ensure that his/her workers keep and produce their employment card when coming to duty and take them back when leaving duty.
- bb) All the above registers and records shall be preserved in original for a period of three years. All the registers, records and notice maintained under the Act

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and Rules shall be produced on demand by Inspector or any Authority under the Act.

- cc) No workers shall be required or allowed to work on Sunday unless he has or will have a Holiday or any one of the three days before or after the said day.
- dd) The contractor shall inform BHEL Management in the prescribed form details or the contract workers scheduled to work on Sunday, the day of rest and also indicate the substituted holiday in lieu thereof. This shall be intimated two days in advance before his/her workmen are booked for work on Sunday.
- ee) The contract labour working for more than nine hours in any day or for more than 48 hours in any week shall be paid wages at the rate of twice the ordinary rates of wages in accordance with the provisions of section 59 of the Factories Act 1948 and any amendment thereof.
- ff) The contractor shall provide all safety devices and personal protective equipment to his workmen at his/her own cost and shall ensure that his workmen wear/use such devices or equipment provided to them while doing the work and there should not be any relaxation on this.
- gg) The contractor shall give four paid national holidays to his workers, viz 26th January, 1st May, 15th August and 2nd October. The contractor shall ensure that his/her workmen vacate the premises after the shift is over.
- hh) The contractor shall give leave with wages to his/her workmen who have worked for a period of 240 days or more in the factory premises during a calendar year. This leave shall be allowed during the subsequent calendar year at the rate of one day for every 20 days or work performed by the worker during the previous calendar year. The worker whose service commences on a day other than the first of January shall be entitled to leave with wages at the above rate (one day for every 20 days or work) only if he had worked for a minimum of 2/3 of the total number of days in the remainder of the calendar year. This leave will be admissible only during the subsequent calendar year.
- ii) The contractor shall comply with the provisions relating to welfare and health facilities as provided to the Contract Labour (Regulation and Abolition) Act 1970 read with the Tamilnadu contract labour Rules.
- jj) Notwithstanding anything contrary to this, in the event of accident the contractor shall be required to fill injury report and submit the Engineer In-charge immediately and ensure the compliance of ESI/Workmen's Compensation Act, Factories Act and Rules made there under. He shall also maintain a register of accident as per the Act.
- kk) The contractor shall get the contract labour engaged by him insured under Workmen's Compensation Policy from General Insurance Corporation of India before actually starting the work of contract. The insurance coverage should be for the entire period of contract. The contractor shall comply with the provisions of the Workmen's Compensation Act 1923 (This should be read in connection with the provisions of ESI Act).
- ll) The contractor shall ensure that all his workmen are covered under the Employees State Insurance Act and produce to BHEL such Registration number/Enrolment number before executing the contract work.

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- mm) The contractor shall regularly pay the amount of contribution i.e., employer's contribution as well as employees' contribution in pursuance of the above scheme as fixed from time to time. The contribution payable presently is 0.75% of wages to be recovered from his/her workmen and 3.25% of wages to be contributed by the contractor. Contribution recovered from employee and contribution made by the contractor may be rounded to the next higher multiples of five paisa.
- nn) The contractor shall take note of any amendment that may be brought forth in the above contribution rate and act accordingly.
- oo) The contractor shall ensure that his/her workmen are covered under the EPF and miscellaneous Provisions Act 1952 and accordingly produce to the BHEL Management the registration/enrolment number before award of contract work.
- pp) All employees are eligible to become a member of provident fund from the date of joining the establishment and the worker and contractor contributions are 12% and 13% respectively. The contractor is also liable to pay any administrative charges in this behalf that may be decided from time to time. It will be the responsibility of the contractor to ensure such contribution payable in respect of workmen employed through sub-contractors also.
- qq) The contractor shall take note of any amendment in the rate of contribution payable under the scheme from time to time.
- rr) The contractor shall within seven days of the close of every month submit to BHEL a statement showing the amount of contribution payable/paid for employees engaged by him or through him and shall also furnish to BHEL such information, as principal employer is required to furnish under the provisions of the ESI Act and PF as well as the scheme made there under to the authorities concerned.
- ss) Whenever any sum of money is found to be recoverable from or payable by the contractor under the above acts, the same shall be deducted from any sum that may be due or which at any time thereafter may become due to the contractor under this contract or under any other contract or from his security deposit. In case the recoveries are not sufficient to satisfy the claims the contractor shall pay the balance thereof on demand. In case any recoveries are made under this clause from the security deposit the contractor shall immediately thereafter pay such further sums as may be required to recoup the shortage caused by such recoveries in the amount of security deposit.
- tt) The contractor shall abide by all the labour and other laws applicable to contract labour/worker under this contract and shall at all times keep BHEL, indemnified against all losses, claims, prosecution under any law.
- uu) In case of noncompliance of any of the provisions of the acts and in case BHEL having complied with the same, BHEL will be entitled to recover the same from the contractor/sub-contractor.
- vv) Non exercise of any of the powers or rights available to BHEL hereunder or under any law, shall not in any way operate as waiver thereof.
- ww) Contractor should follow all the provisions of labour legislation and statutory obligations. Provisions as and when amended will also apply.

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21. WCM is arranging this contract as a nodal agency. Execution of work, Bill Certification, Bill passing, Payment, Penalty, Contract closing etc. is the responsibility of end user.
22. The contractor should have to arrange police verification certificate of concern workers (whom they are going to be engaged for these works) for obtaining entry pass.
23. **SAFETY PRECAUTIONS TO BE TAKEN BY THE CONTRACTOR**

- a) The Contractor must inspect the area of work to decide the safety precautions necessary for executing this contract.
- b) Whenever people work at height more than six feet, platform shall be provided or the workers shall wear safety belt to avoid fall from the height.
- c) Wherever any area declared as dangerous, the workers shall not be allowed to work till a written clearance is obtained from appropriate authorities.
- d) No material of any kind shall be dropped or allowed to be dropped from any height.
- e) Defective ladders shall not be used at all.
- f) Inflammable materials shall not be stored near places where the sparks are likely to occur.
- g) The necessary safety equipment such as gloves, boots, helmets etc. must be issued to the workmen at contractor's cost and strictly to be used while carrying out the work.
- h) Appropriate safety equipment (like safety boots, gloves, goggles, helmet etc.) are to be supplied by the contractor for his workers from day one onwards and should be used during all processes. If the contractor's workers found violating the safety precautions, punitive action will be taken and or a penalty of Rs.500/- to Rs.1000/- will be imposed and deducted from the contractor bill for each violation.
- i) The working area shall be kept clean and free from all obstructions.
- j) All temporary electrical connections shall be properly earthed, insulated and periodically checked.
- k) The contractor should arrange WORKMEN COMPENSATION/ INSURANCE POLICY covered for all his/her workmen. A copy of the policy has to be submitted before commencement of work.
- l) All safety precautions are to be taken by the contractor at his cost.

These safety measures shall be deemed to form an integral part of the Work Order/ Agreement.

24. The contractor's responsibility for this contract shall commence from the date of issue of order of acceptance of his tender.
25. Unless the contractor whose tender is accepted, signs the contract agreement within seven days of the date of the order directing him to do so, the amount of EMD already deposited by him will be forfeited and acceptance of his tender shall be withdrawn.
26. BHEL will not bound by any power of Attorney granted by the tenderer or changes in the composition of the firm made subsequent to the execution of the contract. They may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the contract concerned.

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27. Words imparting the singular number shall have deemed to include the plural number and vice versa where the context so require.
28. The expenses for completing and stamping the agreement shall be to the contractor's account.
29. The general and special conditions of contract are complementary to each other and where they are in conflict, the special conditions shall prevail. In regard to matters not covered by the General or Special conditions of contract, those contained in the specifications approved by BHEL, shall apply.
30. The "GENERAL CONDITIONS OF CONTRACT" and "SPECIAL CONDITIONS OF THE CONTRACT" shall be deemed to form an integral part of contract for the work to be entered into.
31. The filled ESI declaration forms shall be submitted to the Executive of HRM Dept. In the Declaration Form full address of the contractor shall be mentioned. Whenever a fresh and unregistered worker is engaged during the operation of contract, declaration form in respect of that workman which should be submitted to Human Resources Department within two days of such engagement.
32. ESI contributions (0.75% employee's contribution + 3.25% employer contribution of the total monthly wages) before 20th day of every following month. Prescribed challans are available at ESI local office, Ranipet (near Sipcot). Contractors who have got their own code number can remit the contributions on that number. Along with the challan copy, the details of remittance shall be submitted to the concerned HRM Executive in the ESI compliance form.
33. The contractor should deduct Provident Fund and ESI amount as per the provisions and amount so deducted along with the matching contribution of the contractor shall be remitted to the authorities concerned within the stipulated time. The statement of deduction along with the challans evidencing remittance shall be submitted to Officer-in-charge. If the evidences are not shown, further bills of the contractor will not be paid. BHEL have the right to withhold the payment of his bills. Submission of statutory returns such as Half Yearly returns of ESI (Form 6), P.F. return (Form 12A), Form 5 and Form 10, Form 3A & Form 6A should be send to the concerned officers in time.
34. The workers' particulars such as Name, Age, Father's name, address, Phone no, etc., and their daily attendance have to be maintained by the contractor. The details of Provident Fund and ESI compliance have to be maintained by the contractor in the prescribed format/register.
35. The contractor shall maintain the following Registers and Records and make them available for inspection at any time. (The list is only for example, but not exhaustive).
 - a) Muster Roll
 - b) Register of Wages
 - c) Register of Deductions
 - d) Register of Overtime
 - e) Register of Fine
 - f) Register of Advance
 - g) Wage slips
 - h) Register of Accidents
 - i) Register of Leave with Wages
 - j) ESI Register in Form-7

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All registers are required to be maintained as above and shall be produced as and when Government Officials and Statutory Authorities to make inspection from time to time.

36. In case a contract labourers meets with an accident while on duty, the contractor shall immediately intimate the information to Safety Department, Contracting Agency and Human Resources Department and submit the Accident Report duly filled in all respect and send a copy to ESI local office, ESI Dispensary and Inspector of Factories (for major accidents) within 24 hours of accident through Safety and Human Resources Departments. All assistance for the injured workman such as to taking him to ESI Dispensary for treatment must be rendered by the contractor.
37. Compliance of the above provisions does not absolve the obligation of contractor arising out of other statutory obligations.
38. Contractor should employ only persons having sound health and not above the age of 60 years, and not below the age of 18 years.
39. The Contractor agrees that no claim for interest or damages will be entertained or be payable by BHEL in respect of any money or balances or amounts of whatsoever nature which may be lying with BHEL owing to any disputes or differences between the parties irrespective of whether the same is decided by any authority to be paid or returned to the Contractor."
40. BHEL reserves the right to reduce the contract period (pre-close the contract), with 30 days' notice period depends on the requirement / without assigning any reason. Security Deposit will be refunded, if the contract is pre-closed for non-requirement by BHEL.
41. Certificate by the executing department that all statutory requirements including PF, ESI, Minimum wages, Insurance, GST, etc. are complied with by the Contractor. This should be duly backed by the relevant documents".
42. Contractor has to ensure strict compliance of biometric recording through fingerprint for their labourers. Contractor also has to ensure that all their labourers record their attendance while entering/exiting factory premises.
43. If the contractor is not able to provide the sufficient manpower for a period of continuous period of 15 days, BHEL reserves the right to terminate the contract and to take appropriate action against the contractor. In the event of contract termination, security deposit paid by the contractor will be forfeited.
44. **PAYMENT TERMS: -**
Payment will be made Monthly by BHEL after completion of work schedules against the invoice/bill (in Triplicate) raised by the contractor and duly certified by the user department. It may be noted that BHEL will not pay any advance payment.
For MSE vendor payment will be made within 45 days and for non-MSE payment will be made within 90 days from the date of bill submission along with all supporting documents.
45. **LD/PENALTY TERMS: -**
If contractor delays the particular work, Penalty/LD will impose at the rate of ½% of the particular BOQ value per week of delay or part thereof subject to a ceiling of 10% of particular BOQ value.

We hereby accepted above
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If the contractor delays the total work and to impose the penalty/LD at the rate of ½ % of the contract value per week of delay or part thereof subject to a ceiling of 10% of contractor value.

46. In case of breach of any or whole of the above terms and conditions by the contractor BHEL will have the liberty to cancel the registration and contract either in part or in full and entrust in part or in full of the work to any contractor and the contractor shall be liable to pay extra cost involved in the execution of cancelled part of the contract.

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General Conditions of Contract

1. DEFINITION: -

In these General Conditions of Contract, the following terms shall have the meaning hereby assigned to them, except where the context otherwise requires: -

- a) 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 contract. All these documents as applicable taken together shall be deemed to form one contract and shall be complementary to one another.
- b) The "Work" means, the work described in the tender documents in individual work-orders as may be issued from time to time to the contractor by the officer-in charge with in the power conferred upon him including all notified or additional items of works and obligations to be carried out as required for the performance of contract.
- c) The "Contractor" means, the individual firm or company whether incorporated or not, undertaking the work and shall include the legal personal representatives of such individuals or the persons composing the firm or company or the successors of the form or company and the permitted assigns of such individual or firm or company.
- d) "The officer-in charge" means, the office deputed by the AGM/WCM to supervise the work or part of the work.
- e) "Approved" and "Directed" means, the approval or direction of AGM/WCM, or person deputed by him for the particular purposes.
- f) "BHARAT HEAVY ELECTRICAL LIMITED" (herein after referred to as BHEL) shall mean the Board of Directors, Chairman, Executive Director, General Manager or other administrative office of the said company including AGM/WCM authorized to invite tenders and enter into contract for works on behalf of the company.
- g) The "Contract sum" means, the sum accepted or the sum calculated in accordance with the prices accepted in tender and / or the contract rates as payable to the contractor for the execution of work during the currency of the contract.
- h) A "week" means, seven days, without regard to the number of hours worked or not worked in any day in that week.
- i) A "day" means, the day of 24 hours (Twenty-Four) irrespective of the number of hours worked or not worked in that day.
- j) A "working day" means, any day other than that prescribed by the NEGOTIABLE INSTRUMENTS ACT as being a holiday, and consists of the number of hours of labour as commonly recognized by good employers in the trade in the district where the work is carried out or as laid down in the BHEL regulation.

2. HEADING TO THE CONTRACT CONDITIONS: -

The heading to these conditions shall not affect the interpretations thereof.

3. WORK TO BE CARRIED OUT: -

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The contract shall, include all labour, materials, tools, plant, equipment and transport which may be required for the execution of work. The contractor will be deemed to have satisfied himself as to the nature of the site, local facilities of access and all matters affecting the execution of work. No extra charges consequent on any misunderstanding in these respects or otherwise will be allowed.

4. **DEVIATIONS:** -

The contractor shall not carry out any work not covered by schedule except in the pursuance of the written instructions of AGM/WCM. No such work shall be valid unless the same has been specifically confirmed and accepted by the BHEL in writing and incorporated in the contract.

5. **OCTROI AND OTHER DUTIES:** -

All charges on account of octroi terminal or sales tax or other duties on materials obtained for the work shall be borne by the contractor.

6. **PLANT AND EQUIPMENT:** -

The contractor shall at his own expense, supply all tools, plant and equipment (herein after referred to as T&P) required for the execution of the contract.

7. **ASSIGNMENT OF TRANSFER OF CONTRACT:** -

The contractor shall not without the prior written approval of the BHEL, assign or transfer the contract or any part thereof, or any share, or interest thereon to any other persons. No sum of money which may become payable under the contract shall be payable to any person, other than the contractor unless the prior written approval of the BHEL to the assignment or transfer of such money is given.

8. **SUB-CONTRACT:** -

The contractor shall not sub-let any portion of the contract without the prior written approval of the BHEL.

9. **COMPLIANCE TO REGULATIONS AND BYE-LAWS:** -

The contractor shall confirm to the provisions of any statute relating to the work and regulations and bye-laws of any local authority. The contractor shall be bound to give all notices required by statute regulations or by-laws as aforesaid and to pay all fees and taxes payable to any authority in respect thereof.

10. **SECURITY DEPOSIT:** -

SECURITY DEPOSIT shall be collected from the successful tenderer. The total amount of security deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit.

Mode of Deposit:

- a) Cash (as permissible under the extant Income Tax Act).
- b) Local Cheque of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL.
- c) Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL.
- d) Fixed Deposit Receipt issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL).

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- e) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL).

(Note: BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith).

At least 50% of the required Security Deposit, including the EMD, should be collected before start of the work. Balance of the Security Deposit can be collected by deducting 10% of the gross amount progressively from each of the running bills of the Contractor till the total amount of the required Security Deposit is collected.

If the value of work done at any time exceeds the contract value, the amount of Security Deposit shall be correspondingly enhanced and the additional Security Deposit shall be immediately deposited by the Contractor or recovered from payment/s due to the Contractor.

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

EMD of the successful tenderer will be converted and adjusted against security deposit.

EMD and security deposit shall not carry any interest.

11. Security deposit shall be refunded only after successful completion of the contract to BHEL's satisfaction and presents an absolute "No Demand Certificate" in the prescribed form and returns properties belonging to BHEL handed over, lent or hired by him for carrying out the said works, Security Deposit will be released to the Contractor after deducting all cost of expenses or other amounts that are to be paid to BHEL under this or other contracts entered into with the Contractor. It may be noted that in no case the Security Deposit shall be refunded/released prior to passing of final bill.
12. Should a tenderer or a contractor has a relative or in the case of a firm or company of contractors, any of its shareholders or shareholder's relative, employed in Bharat Heavy Electricals Ltd, the authority inviting tenders shall be informed of this fact at the time of submission of the offer, failing which the offer may be disqualified or if such fact subsequently come to light, the contract may be cancelled.
13. BHEL shall not be responsible for any loss of securities, due to liquidation for any other reasons, what-so-ever or any depreciation in the value of the securities while in their charge or for any loss of interest there on.
14. All compensation or other sums of money payable by the Contractor to BHEL under the terms of this contract or under any other contract with BHEL may be deducted from the Security Deposit or realised by the sale of the securities or from the interest arising therefrom or from any sums which may be due or may become due to the contractor by BHEL and in the event of this Security Deposit being deducted by reason of such deductions or sale, as aforesaid, the Contractor shall within 7 days thereafter, make good in cash or in securities endorsed as aforesaid, any sum by which the Security Deposit has been reduced.

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15. ORDERS UNDER THE CONTRACT: -

All orders, notices etc. to be given under the contract shall be in writing, type-script or printed and if sent by registered post to the address given in the tender of the contract, shall be deemed to have been served on the date, when in the ordinary course they would have been delivered to him.

16. CONTRACTOR'S SUPERVISION: -

The contractor shall either himself supervise the execution of the contract or shall appoint a complement agent acceptable to the AGM/WCM to act in his stead. Orders given to the contractor's agent shall be considered to have the same force as if they have been given to the contractor himself. The contractor or his accredited agent shall attend when required without making any claim for doing so, either the office of the AGM/WCM or the OFFICE-IN CHARGE, to received instructions.

17. The AGM/WCM shall have full powers and without assigning any reason, required the contractor to immediately cease to employ in connection with this contract, any agent, servant or employee where continued employment is in his opinion undesirable. The contractor shall not be allowed any compensation on this account.

18. LABOUR: -

The contractor shall remain liable for the payment of all wages or other moneys to his work people or employees under the payment of wages act 1936, Employees Liability Act 1938, Workmen Compensation Act 1923 or any other Act or enactment, relating thereto and rules framed, thereunder from time to time.

19. PRECAUTIONS UNDER RISK: -

The contractor shall be responsible for providing at his own expense for all precautions to prevent loss or damage from any and all risks and to minimize the amount of any such loss or damage and for the necessary steps to be taken for the said purposes.

20. DAMAGE & LOSS TO PRIVATE PROPOERTY & INJURY TO WORKMEN: -

The contractor shall at his own expenses reinstate and make good to the satisfaction of the AGM/WCM and pay compensation for any injury, loss or damage occurred to any property or rights whatever including property and rights of BHEL (or agents) servants or employee of BHEL, the injury loss or damage arising out of or in any way in connection with the execution or purported execution of the contract and further the contractor shall indemnify, the BHEL against all claims enforceable against BHEL (or any agent, servant or employee of BHEL) or which would be so enforceable against BHEL where BHEL is a private person, in respect of any such injury (including injury resulting I death) loss or damage to any person whomsoever or property including all claims which may arise under the workmen's compensation act or otherwise.

21. LAWS GOVERNING THE CONTRACT: -

The contract shall be governed by the India laws for time being in force.

22. CANCELLAITON OF CONTRACT FOR CORRUPT ACTS: -

BHEL, whose decision shall be final and conclusive, shall without prejudice to any other right or remedy which shall have accrued shall accrue thereafter to BHEL cancel the contract in any if the following cases and the contractor shall be liable to make payment to BHEL for any loss or damage resulting from any such cancellation to the same extend as provided in the case of cancellation for default.

If the contractor shall: -

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- a) Offer or give or agree to give to any person in BHEL service any gift or consideration of any kind, as an inducement or reward for doing or for bearing to do or for having done or for borne to do any act, in relation to the obtaining or execution of this or any other contract for BHEL service.

(OR)

- b) enter in to a contract with BHEL in connection with which commission has been paid or agreed to be paid by him or with his knowledge, unless the particulars of any such commission and the terms of payment thereof have previously been disclosed in writing to BHEL.

(OR)

- c) obtain a contract with BHEL as a result of ring tendering or by non-bonfire methods of competitive tendering, without first disclosing the fact in writing to BHEL.

23. RISK PURCHASE CLAUSE AS PER BHEL SOP DT. 10.10.2017: -

If the contractor fails to carry out the specified works as per the contract scope of work within the timeframe as directed by AGM/WCM or his authorized officials and continues in that state after a reasonable notice from AGM/WCM or his authorized officials, BHEL reserves the right to have the work done by any means at the Contractor's risk and expenses provided always that in the event of the cost of the work so done (as certified by authorized officials of Shipping/ Stores/ M&S which is final and conclusive) being less than the contract cost, the advantage shall accrue to the BHEL and if the cost exceeds the money due to Contractor under the contract, the Contractor shall either pay the excess amount ordered by AGM/WCM or the same shall be recovered from the Contractor by other means.

24. CANCELLATION OF CONTRACT FOR INSOLVENCY ASSIGNMENT OF TRANSFER OR SUBLETTING OF 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:
If the contractor,

- a) being an individual or if a firm any partner thereof shall at any time be adjudged bankrupt or have a receiving order for administration of his estate, made against him or shall take any proceedings for liquidation or composition under any bankruptcy Act or assignment of his effects of composition or arrangement for the benefit of his creditors or purport to do so, or if any application made under any Bankruptcy Act for the time being in force for the sequestration of his estate or if a trust deed be granted by him on behalf of his creditors

(OR)

- b) being a Company, shall pass a resolution or the Court shall make an order for the liquidation of its affairs, or a receiver or Manager on-behalf of the debenture holders shall be appointed or circumstances shall arise which entitle the Court or debenture holders to appoint a receiver or Manager,

(OR)

- c) Assigns, Transfers, Sub-lets or attempts to assign, transfer or sub-let any portion of the work without the prior written approval of the BHEL.

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- d) Whenever BHEL exercise the authority to cancel the contract under this conditions, BHEL may have the work done by any means at the Contractor's risks and expenses provided always that in the event of the cost of the work so done (as certified by concerned executive of MTD department which is final and conclusive) being less than the contract cost, the advantage shall accrue to the BHEL and if the cost exceeds the money due to Contractor under the contract, the Contractor shall either pay the excess amount ordered by AGM/WCM or the same shall be recovered from the Contractor by other means.
- e) In case BHEL carries-out the work under the provisions of this condition the cost to be taken into account in determining the excess cost to be charged to the Contractor under this condition shall consist of the cost of the materials, hire charges of tools and plants and/or labour provided by the BHEL with an addition of such percentage to cover superintendence and establishment charges as may be decided by the AGM/WCM whose decision shall be final and conclusive.

25. CANCELLATION OF CONTRACT IN PART OF FULL FOR CONTRACTOR'S DEFAULT: -

If the contractor,

- a) makes default in carrying out the work as directed and continues in that state after a reasonable notice from AGM/WCM or his authorised representative.
- b) fails to comply with any of the Terms and Conditions of the contract or after reasonable notice in writing with orders properly issued thereunder.
- c) BHEL, may without prejudice to any other right or remedy which shall have accrued or shall accrue thereafter to BHEL CANCEL the contract as whole or in part thereof or only such work order or items of work in default from the contract. Whenever BHEL exercise the authority to cancel the contract as whole or part under this condition BHEL may complete the work at the contractor's risk and cost (as certified by concerned executive of MTD department which is final and conclusive) being less than the contract cost, the advantage shall accrue to the BHEL. If the cost exceeds the moneys due to the Contractor under this contract the Contractor shall either pay the excess amount ordered by AGM/WCM or the same shall be recovered from the Contractor by other means. In case the BHEL carries out the work or any part thereof under the provisions of the conditions the cost to be taken into account in determining the excess cost to be charged to the Contractor under this condition shall consist of the cost of the materials, hire charges of tools and plant and/or labour provided by the BHEL with an addition of such percentage to cover the superintendence and establishment charges as may be decided by the AGM/WCM whose decision shall be final and conclusive.

26. TERMINATION OF CONTRACT ON THE DEATH OF CONTRACTOR: -

Without prejudice to any of the rights or remedies under this contract, if the Contractor dies, or if the firm is dissolved or the company is liquidated BHEL shall have the option of terminating the contract without compensation to the Contractor.

27. SPECIAL POWER TO TERMINATION: -

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If at any time after the award of contract, BHEL shall for any reason whatsoever not require whole or any part of the work to be carried out the AGM/WCM shall give notice in writing of the fact to the Contractor who shall have no claim to any payment of compensation or otherwise howsoever on account of any profit or advantage which he might have derived from the execution of the work in full but which he did not derive in consequence of the fore-closing of the work.

"If any employee/labourer working in the contract is found involved in corruption activities, the contract will be terminated and the contractor will be banned for applying for any future contract for 3 years."

28. RECOVERY FROM CONTRACTOR: -

Whenever under the contract, any sum of money, shall be recoverable from or payable by the Contractors, the same may be deducted from or any sum then due or which at any time thereafter may become due to Contractor under the contract or under any other contract with BHEL or from his Security Deposit or he shall pay the claim on demand.

29. POST TECHNICAL AUDIT OF WORK AND BILLS: -

BHEL reserves the right to carry out the post-payment Audit and technical examination of the work and final bill including all supporting vouchers, abstracts etc., and enforce recovery of any sum becoming due as a result thereof in the manner provided in the presiding sub-paragraphs. However, no such recovery shall be enforced after three years of passing the final bill.

30. SIGNING OF CONTRACT: -

Each contract document shall be signed by the Contractor with his usual signature. Contract by partnership of Hindu Joint Family firm, may be signed in the FIRM'S name by one of the Partners or the Karta or Manager as the case may be or by any other duly authorised representative followed by the name and designation of the persons so signing. Contracts by a Company shall be signed with the name of the Company by a person authorised in this behalf and a power of attorney or other satisfactory proof showing that the persons signing the Contract documents on behalf of the Company is duly authorised to do so, shall accompany the contract.

31. FORCE MAJEURE CLAUSE: -

If, at any time during the continuance of this Contract the performance in whole or in part by either party of any obligations under this Contract shall be prevented or delayed by reason of any War, Hostile acts of the public enemy Civil Commotion, Epidemics, or Acts of God (Floods, Storm/Cyclone, Hurricane, Earth Quake etc.) then provided notice of happening of any such event is given by either party to other within 7 days from the date of occurrence therefore neither party shall by reason of such event be entitled to terminate this Contract nor shall either party have any claim for damages against the other in respect of such non-performance and delay in performance under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist. If the performance in whole or part of any obligation under this Contract is prevented or delayed by reason of any such event, claims for extension of time shall be granted for periods considered reasonable by the AGM/WCM subject to prompt notification by the contractor.

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32. ARBITRATION: -

All disputes between the parties to the contract, arising out of or relating to the contract, other than those for which the decision of the AGM/WCM or Accepting Officer or any other person is by the contract expressed to be final and conclusive. All disputes between the parties to the Contract, arising out of or relation to the Contract shall after written notice by either party to the Contract to the other party be referred and resolved by an Arbitrator nominated by the Unit Head of BHEL, Ranipet.

Unless the parties otherwise agree, such reference shall not take place until after the completion, alleged completion or abandonment of the work of the determination of the contract. The venue of Arbitration shall be such a place or places as may be fixed by the Arbitrator in his sole discretion. The award of the Arbitrator shall be final, conclusive and binding on both parties to the contract. Subject to the above, Courts at Ranipet alone shall have exclusive jurisdiction of any matter arising in connection with this Agreement.

33. Arbitration and Jurisdiction:

a) The jurisdiction for any arbitration/settlement of contractual/ legal issues between contractee and contractor, shall only be at the court of Ranipet. Any dispute between BHEL and the Contractor arising out of or in connection with this Contract, other than those for which BHEL decision is final, shall be referred to arbitration by a sole arbitrator to be appointed by BHEL, BAP Ranipet.

b) The place of Arbitration shall be Ranipet, Tamil Nadu. The arbitrator may hold meetings for convenience at such places as per his discretion.

c) The award of the Arbitrator shall be final, conclusive and binding on both parties to the contract

d) Subject to the above, the courts at Ranipet alone have the jurisdiction to decide any dispute arising out of or in respect of the Contract."

34. CHANGE IN CONSTITUTION OF FIRM: Changes in constitution of firm whenever it is made after submission of application or during currency of the contract, the existing firm has to duly inform the proposed changes to contracting department of BHEL at the appropriate time before the changes in the constitution are made. In case the absence of any such information BHEL is not responsible for the consequences arising out of the absence or suppression of information and the issue / dispute arising out of these changes and the firm is responsible for settling the issue or dispute among themselves (Partners etc.) or with the bankers or with any third party. Under the above circumstances when dispute arises and the firm does not inform the change in the constitution of the firm BHEL has the right for suspending or terminating the contract.

35. 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.

36. SECRECY OF CONFIDENTIAL INFORMATION: The Contractor undertakes and agrees that he/it will not disclose or reveal in part or full the proprietary/confidential

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information, which terms shall mean and include patents, trademarks, service marks, registered designs, copyright, design rights, know-how, confidential information, trade and business names and any other similar protected information of BHEL received during negotiation or currency of the contract to any third party or governmental authorities without written permission from BHEL. In the event of termination or expiry of the contract, the contractor shall return all proprietary/confidential information to BHEL. This clause shall survive termination or expiry of the contract.

All the input details: transmittals and sample drawings supplied for preparation of drawings are confidential information of BHEL for specific purpose only. The contractor shall never pass on / part with the information to anybody and shall maintain the secrecy of the information. As soon as the bills are certified by BHEL, all the relevant drawing files shall be erased from PCs and shall not be made use under any circumstances.

BHEL reserves the right to initiate appropriate action including legal proceeds / termination of contract, recovery of damages, penalties etc., if the contractor is found guilty / wrong usage of the documents given by BHEL for any unauthorised activity.

37. SETOFF CLAUSE: -

"BHEL shall have the right to recover any money which in the sole opinion of BHEL is due from the Contractor from any money due to the Contractor under this Contract or any other contract or from the Security Deposit furnished by the Contractor under this Contract or any other contract. "

38. Notwithstanding anything to the contrary, including, but not limited to, provisions relating to extension of time and compensation/ or delay, time shall be the essence of the contract.

39. "Where the Contractor (whether a proprietorship, partnership, company, Hindus Undivided Family or otherwise) commits a default or breaches the Contract and the proprietor/ partner/director/ member of such entity is also a proprietor/ partner/ director/ member of another entity that is registered with BHEL (in Ranipet or any other unit of BHEL), BHEL shall have the right to recover losses due to the default or breach, whether direct, indirect or consequential, either from the defaulting/ breaching entity or the other said entity or both. Such right shall also include the right to encash any security (in any form such as but not limited to bank guarantee, demand draft, FD, etc.) _ furnished by either or both entities. Without limiting the applicability of the foregoing, it shall not be a defence to the other said entity for enforcement of such a right that:

- (a) both entities are legally distinct/ separate entities, or
- (b) the management of the entity/ partners/ directors/ members of such other entity were not aware that the proprietor/ partner/ director/ member of the defaulting/ breaching entity was also a proprietor/ partner/ director/ member of the other said entity."

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40. The Successful Tenderer shall agree to the following conditions:

Contractor shall indemnify and keep indemnified BHEL, its other contractors and/or sub-contractors and its/their employees from all actions, proceedings, suits, claims, demands, liabilities, damages, losses, costs, charges, expenses judgments and fines arising out of or in the course of, or caused by the execution of work under the Contract or other obligations hereunder directly or indirectly associated herewith which may arise due to:

- i) breach of law by the Contractor, or any of its sub-contractor, or any of their respective employees.
- ii) negligence or wilful default by the Contractor, or any of its sub-contractor, or any of their respective employees.
- iii) failure by Contractor to proceed with Project in accordance with the determinations, instructions and clarifications of Company pending disagreement, dispute, protest, request for arbitration/ court proceedings.
- iv) loss of property or death of any employee of BHEL or of its other contractors/ sub-contractors.

The above shall be without prejudice to any other remedy that may be available to BHEL whether as per law, contract, equity or otherwise. The quantum of work/ nature of work to be carried out will be decided by BHEL from time to time and the availability of the combination of work.

41. All statutory requirements under Minimum Wages Act, 1948, Factories Act 1948, Workmen Compensation Act 1923, Employees Provident Fund and Miscellaneous Provisions Act, 1952, Payment of Gratuity Act 1972, Employee State Insurance Act 1948, Contract Labour (R&A) Act 1970, Payment of Bonus Act 1965, Income Tax Act, Service Tax Act and all other applicable Acts shall be complied with by the Contractor.

42. **MOTOR VEHICLE ACT:** The contractor should comply the relevant Motor Vehicle Act and other statutory requirement, if applicable.

43. Contractor shall comply with all statutory requirements, rules, regulations, notifications in relation to employment of his employees issued from time to time by the concerned authorities.

44. Contractor shall indemnify BHEL against all claims and losses under various Labour Laws, statutes or any civil or criminal law in connection with employees deployed by him.

45. Contractor wherever applicable shall maintain proper records prescribed by the concerned statutory authorities and provides a copy of the same to BHEL.

46. Contractor shall furnish proper returns to the concerned statutory authorities and provide a copy of the same to BHEL.

47. No interest shall be payable by BHEL on Earnest Money/ Security Deposit/ or any money due to the Contractor by BHEL.

48. Time is the essence of contract and hence any delay in Execution of contract will attract penal action by BHEL by deduction of such amounts as may be fixed by BHEL as compensation for the delay of work. This is without prejudice to conditions of contract mentioned elsewhere regarding deduction for taking alternative action / cancellation of contract.

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49. 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, trouble shooting, serving, overhaul, renovation and retrofitting, trial operation, performance guarantee testing undertaken by the company or during any works/ during working at BHEL units/officers/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 lakh) (ii) In the event of other permanent disability: Rs.7,00,000/- (Rs. Seven lakh) 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.
50. For every month, the contractor shall prepare & submit bill in the succeeding month within one week from the date of certification of quantity by user dept.
51. Any billing related query, clarification, document requirement, etc. shall be resolved in one go by the Contractor within one week from the date of intimation.
52. **SUBMISSION OF BILLS BY CONTRACTOR:** - The Contractor at the end of each month shall submit a bill in triplicate detailing the various items of work done during the month supported by the requisitions issued from time to time. The Contractor shall, once in every month, submit to the concerned executive of MTD department separately details of his claims for the work done by him up to and including the previous month which are not covered by his contract agreement in any of the following respects:
- a. Deviation from the items provided in the contract documents.
 - b. Extra items / new items of work.
 - c. Items in-respect of which rates have not been settled. He should in addition furnish a clear certificate to the effect that the claims submitted by him as aforesaid cover all his claims and that no further claims shall be raised by him in respect of the work done up to and including the period under report.
53. **PAYMENT OF BILLS:** - All payments to be made to the Contractor, under this contract shall be by "CHEQUE" crossed "A/C PAYEE ONLY" OR by NEFT / RTGS payment within a reasonable time after the certification of bills by the authorized officials of BHEL.
54. **SUSPENSION OF BUSINESS DEALINGS:** -
The bidder along with its associate / collaborators / sub-vendors / consultants / service providers shall strictly adhere to "Guidelines for Suspension of Business Dealings with Suppliers/ Contractors" AA/MM/SB/01 Rev: 02 amdt. 02, Dt.08.01.2020 displayed on BHEL website <http://www.bhel.com>. (<https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors>)

We hereby accepted above
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55. **BHEL reserves the right to reduce the contract period (pre-close the contract), with 30 days' notice period depends on the requirement / without assigning any reason. Security Deposit will be refunded, if the contract is pre-closed for non-requirement by BHEL.**
56. In case of breach of any or whole of the above terms and conditions by the contractor BHEL will have the liberty to cancel the registration and contract either in part or in full and entrust in part or in full of the work to any contractor and the contractor shall be liable to pay extra cost involved in the execution of cancelled part of the contract.

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DECLARATION

I/We M/s.

have read and clearly understood all the Terms and conditions in Tender Schedule of 975522055E and accordingly accept the same without any deviation what so ever.

- I/ We unconditionally agree to all the tender conditions and no new conditions are imposed by us in the technical / price bid. I understand in the event of imposing any condition in the technical / price bid, such condition would be ignored by BHEL and only the prices will be considered for the purpose of evaluation”
- I/ We confirm that none of our group concern or affiliates etc., appears on the list of banned firms / companies by BHEL (list available on www.bhel.com) nor any of the Director / Partner / proprietor of bidder / such group concern or affiliate etc. are involved with such company.
- I/ We also declare that, we have not been suspended or black listed or issued with Show Cause Notice by BHEL- Ranipet or any other BHEL Unit.
- I/ We confirm that other than us, none of our group concerns or affiliates etc. are participating in the tender either directly or indirectly through any other agency under same proprietor /common director(s) / common partner(s).
- I/ We confirm that if any of the above statement / information furnished by us in this tender is found to be false/ fake at any stage of tender evaluation or during execution of contract, BHEL will have the right to initiate appropriate action including legal proceeds / termination of contract, recovery of damages, penalties etc. as deemed fit.

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BHEL RANIPET BANK DETAILS

SECTION- 3 BANK AND PAYMENT MANDATE (Enclose supporting for the detail provided below)											
PAYMENT MODE (NEFT / RTGS / ECS/ CHEQUE)	RTGS										
NAME OF BENEFICIARY	BHEL/BAP/RANIPET										
NAME OF BANK	STATE BANK OF INDIA										
BANK BRANCH ADDRESS	STATE BANK OF INDIA BHEL PROJECT BRANCH MUKUNDARAYA PURAM BHEL TOWNSHIP RANIPET-632406										
ACCOUNT TYPE (SAVINGS, CURRENT, CASH CREDIT, ETC)	CASH CREDIT (CC)										
ACCOUNT NO	10664849171										
MICR CODE (9 DIGIT MICR CODE AS APPEARING ON CHEQUE LEAF) (EXAMPLE 110240157)	632002003										
IFSC CODE (11 DIGIT IFSC CODE OF THE BANK BRANCH) (EXAMPLE HDFC0001374)	SBIN0007013										
DECLARATION I/WE, HEREBY DECLARE THAT THE PARTICULARS GIVEN ABOVE ARE CORRECT AND COMPLETE. IN CASE THE TRANSACTION IS DELAYED OR NOT EFFECTED AT ALL FOR REASONS OF INCOMPLETE OR INCORRECT INFORMATION AND FOR REASONS BEYOND THE CONTROL OF NBPL, I/WE WOULD NOT HOLD, NBPL RESPONSIBLE. I/WE DECLARE THAT, WHENEVER THERE IS A CHANGE IN THE ABOVE DETAILS, I/WE SHALL FURNISH THE FORM AFRESH.											
<table border="1"><tr><td>SIGNATURE : <i>N. Thalpathy</i></td><td>VERIFIED THE ABOVE DETAILS</td></tr><tr><td>NAME : <i>17/12/2015</i></td><td>For STATE BANK OF INDIA</td></tr><tr><td>DESIGNATION : N. THALAPATHY</td><td>(SIGNATURE OF BANKER)</td></tr><tr><td>DATE : Sr. Accounts Officer</td><td>BHEL Project, M.R. Puram</td></tr><tr><td>COMPANY SEAL : BHEL/BAP/ RANIPET</td><td>SEAL OF THE BANKER K. KUMAR K-7346</td></tr></table>		SIGNATURE : <i>N. Thalpathy</i>	VERIFIED THE ABOVE DETAILS	NAME : <i>17/12/2015</i>	For STATE BANK OF INDIA	DESIGNATION : N. THALAPATHY	(SIGNATURE OF BANKER)	DATE : Sr. Accounts Officer	BHEL Project, M.R. Puram	COMPANY SEAL : BHEL/BAP/ RANIPET	SEAL OF THE BANKER K. KUMAR K-7346
SIGNATURE : <i>N. Thalpathy</i>	VERIFIED THE ABOVE DETAILS										
NAME : <i>17/12/2015</i>	For STATE BANK OF INDIA										
DESIGNATION : N. THALAPATHY	(SIGNATURE OF BANKER)										
DATE : Sr. Accounts Officer	BHEL Project, M.R. Puram										
COMPANY SEAL : BHEL/BAP/ RANIPET	SEAL OF THE BANKER K. KUMAR K-7346										

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ACCEPTANCE FOR ELECTRONIC FUND TRANSFER / RTGS TRANSFER

01	NAME & ADDRESS OF THE SUPPLIER / VENDOR PHONE NO. WITH STD CODE	PAN NO. <input type="text"/>
02	VENDOR CODE (as in WORK ORDER)	<input type="text"/>
03	Details of Bank Account:	
A)	NAME & ADDRESS OF THE BANK (WITH PIN CODE)	
B)	BANK TELEPHONE NUMBER (WITH STD CODE)	<input type="text"/>
C)	BANK BRANCH CODE:	<input type="text"/>
D)	MICR CODE	<input type="text"/>
E)	ACCOUNT NUMBER	<input type="text"/>
F)	TYPE OF ACCOUNT	CURRENT / OD / CASH CREDIT
G)	VENDOR NAME AS PER BANK RECORDS	
H)	BANK BRANCH RTGS IFSC CODE	<input type="text"/>
I)	BANK BRANCH NEFT IFSC CODE	<input type="text"/>
J)	VENDOR'S EMAIL ID (give two ids)	<input type="text"/> <input type="text"/>
K)	NAME OF AUTHORISED SIGNATORY	

CERTIFICATE

I / We hereby agree to receive the payments due from BHARAT HEAVY ELECTRICALS LIMITED, RANIPET by the National Electronic Funds Transfer and/or RTGS Transfer mode by credit to my / our above mentioned Bank Account. I / We also agree that payments made to the above mentioned Account is a valid discharge of the liability of Bharat Heavy Electricals Limited, Ranipet. I / we also agree to bear the applicable Bank Charges for the above mode of transfer.

AUTHORISED SIGNATORY OF VENDOR WITH SEAL

Banker's Certification

We confirm that we are enabled for receiving RTGS and NEFT credits and we further confirm that the account number of _____ (name of account holder), the signature of the authorized signatory and the MICR and IFSC codes of our Branch mentioned above are correct.

PLACE:

DATE:

(Manager / Officer's
Signature Under Bank stamp)
Authorisation No. _____

Note: This EFT Form is to be submitted duly filled in manually in all fields and duly signed by Authorised Signatory and certified by Banker.

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BILL OF QUANTITY

SCHEDULE A					
Sl.No.	Description		Unit	Qty	% allocation w.r.t. total amount of schedule A (excl. GST)
LAYING OF CABLE					
1		Laying of one number PVC insulated and PVC Sheathed / XLPE Armored/Unarmored (Copper /Aluminium) Power Cable of 1.1Kv Grade as per IS Standard to the following sizes direct in Ground including Excavation, Sand Cushioning, Protective Covering and Refilling The Trench Etc., As Required. (Cable will be supplied by BHEL free of cost at Stores).			
	1.1	Upto 95 Sq.mm	MTR	800	3.1475%
	1.2	Above 95 Sq.mm and upto 300 Sq.mm	MTR	500	2.3221%
LAYING OF ADDITIONAL CABLE					
2		Laying of one number additional PVC Insulated and PVC Sheathed / XLPE Armored/Unarmored (Copper /Aluminium) Power Cable of 1.1Kv grade as Per IS Standard to the following sizes direct in ground in the Same Trench in one tier horizontal formation including Excavation, Sand Cushioning, Protective Covering and refilling the trench etc as required. (Cable will be supplied by BHEL free of cost at Stores)			
	2.1	Upto 35 Sq.mm	MTR	200	0.5302%
	2.2	Above 35 Sq.mm and upto 95 Sq.mm	MTR	400	1.1242%
	2.3	Above 95 Sq.mm and upto 185 Sq.mm	MTR	300	0.8909%
	2.4	Above 185 Sq.mm and upto 400 Sq.mm	MTR	300	1.0225%
LAYING OF CABLE ON WALL SURFACE					

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3		Laying and fixing of one number PVC Insulated and PVC Sheathed / XLPE Armored/Unarmored (Copper /Aluminium) power cable of 1.1kV grade as per IS Standard to the following sizes on surface as required. (cable will be supplied by BHEL free of cost at stores).			
	3.1	Upto 35 Sq.mm (Clamped with 1MM Thick Saddle)	MTR	500	0.2392%
	3.2	Above 35 Sq.mm and upto 185 Sq.mm (Clamped with 25X3MM MS Flat Clamp)	METRE	300	0.4547%
	3.3	Above 185 Sq.mm and upto 400 Sq.mm (Clamped with 40X3MM MS Flat Clamp)	METRE	200	0.4584%
LAYING OF CABLE ON CABLE TRAY					
4		Laying and fixing of one number PVC Insulated and PVC Sheathed / XLPE Armored/Unarmored (Copper /Aluminium) Power Cable of 1.1kV grade as per IS Standard to the following sizes on cable tray as required. (Cable will be supplied by BHEL free of cost at stores).			
	4.1	Upto 35 Sq.mm (Clamped with 1MM Thick Saddle)	MTR	300	0.1196%
	4.2	50 sq.mm to 185 Sq.mm	Mtr	300	0.3163%
LAYING OF CABLE IN RCC/HUME/METAL PIPE					
5		Laying of one number PVC Insulated and PVC Sheathed /XPLE Armored Uunarmored (Copper / Aluminium) power cable of 1.1kV grade as per IS standard to the following sizes in the existing RCC/Hume/Metal pipe. (Cable will be supplied by BHEL free of cost from stores).			
	5.1	Upto 35 Sq.mm	MTR	500	0.1595%
	5.2	Above 35 Sq.mm and upto 95 Sq.mm	MTR	300	0.1495%
	5.3	Above 95 Sq.mm and upto 300 Sq.mm	MTR	400	0.3339%
LAYING OF CABLE ON OPEN DUCT					
6		Laying of one number PVC Insulated and PVC Sheathed / XPLE Armored/Unarmored (Copper /Aluminium) power cable of 1.1kV grade as per IS standard to the following sizes in the existing masonry open duct as required. (Cable will be supplied by BHEL free of cost from stores).			
	6.1	Upto 35 Sq.mm	METRE	200	0.0478%
	6.2	Above 35 Sq.mm and upto 95 Sq.mm	METRE	200	0.0797%
	6.3	Above 95 Sq.mm and upto 185 Sq.mm	METRE	200	0.1076%

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	6.4	Above 185 Sq.mm and upto 400 Sq.mm	METRE	200	0.1993%
INSTALLATION & TESTING					
7	7	Installation, Testing and Commissioning of pre-wired LED Fitting of all types, complete with all accessories (fitting and lamp will be supplied by BHEL free of cost).	EACH	200	0.3628%
8	8	Installation, Testing and Commissioning of Resistance / Electronic type Ceiling Fan Regulator, in existing switch box including connection with 1.5 sq.mm FRLS PVC insulation, copper conductor, single core cable and earthing the regulator etc, as required. (Regulator will be supplied by BHEL free of cost).	EACH	15	0.0155%
SUPPLY AND FIXING					
9		Supply and fixing Danger notice plate of following sizes, made of mild steel, at least 2 mm thick, and enamelled white on both sides, and with description in single red colour on front side as required.			
	9.1	For Medium voltage 200 mm x 150 mm	EACH	11	0.0309%
	9.2	For High voltage 250 mm x 200 mm	EACH	11	0.0340%
10	10	Supply and fixing Cable Route Marker with 10 cm x 10 cm x 5 cm thick G.I plate with inscription there on, bolted / welded to 35 mm x 35mm x 6 mm angle iron, 60 cm long and fixing the same in ground as required.	EACH	250	1.4352%
11		Supply and fixing of following sizes of Medium class PVC conduit along with accessories on surface / recess including cutting the wall and making good the same with proper civil work.			
	11.1	20 mm	METRE	80	0.0845%
	11.2	32 mm	METRE	40	0.0678%
	11.3	50 mm	METRE	40	0.1148%
12		Supply and fixing of following sizes of Medium class PVC conduit along with accessories on surface of the wall by using suitable screws and GI clamp as required.			
	12.1	20 mm	METRE	200	0.3595%
	12.2	32 mm	METRE	15	0.0377%
	12.3	50 mm	METRE	10	0.0359%

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13		Supply and fixing of following sizes of Medium Class PVC casing capping along with accessories on surface of the wall by using suitable screws and GI clamp as required.			
	13.1	20 mm	METRE	30	0.0377%
	13.2	25 mm	METRE	200	0.3235%
	13.3	35 mm	METRE	75	0.1617%
	13.4	38 mm	METRE	10	0.0270%
14		Supply and replacing the defective switch/socket and fixing a new normal type of switch / socket on the existing switch box and having equivalent quality of Make: Anchor, GM , BCH.			
	14.1	5/6 Amps Switch.	EACH	100	0.0658%
	14.2	5/6 Amps Socket Outlet.	EACH	100	0.0817%
	14.3	6 PIN 15/16 Amps Socket Outlet.	EACH	50	0.0827%
15		Supply and replacing the defective switch/socket and fixing a new modular type of switch / socket on the existing switch box and having equivalent quality of make: Anchor, GM, BCH.			
	15.1	5/6 Amps Modular Switch.	EACH	300	1.1323%
	15.2	15/16 Amps Modular Switch.	EACH	100	0.5032%
	15.3	5/6 Amps Modular Socket Outlet.	EACH	150	0.7548%
	15.4	6 PIN 15/16 Amps Modular Socket Outlet.	EACH	100	0.5751%
16		Supply and wiring for circuit / sub main wiring along earth wire with the following sizes of FRLS PVC insulated copper conductor single core cable in Surface / Wall with Recessed Steel Conduit, as required.			
	16.1	(2 X 1.5 Sq.mm) + (1 X 1.5 Sq.mm Earth Wire)	MTR	200	0.6976%
	16.2	(2 X 2.5 Sq.mm) + (1 X 2.5 Sq.mm Earth Wire)	MTR	200	0.7972%
17		Supply and wiring for circuit / sub main wiring along earth wire with the following sizes of FRLS PVC insulated copper conductor single core cable in Surface / Wall with Recessed 2 mm thick PVC conduit, as required.			
	17.1	(2 X 1.5 Sq.mm) + (1 X 1.5 Sq.mm Earth Wire)	MTR	1000	2.1129%
	17.2	(2 X 2.5 Sq.mm) + (1 X 2.5 Sq.mm Earth Wire)	MTR	1200	3.1331%

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18		Supply and making straight through joints with cast resin compound including ferrules and other jointing materials for following size of PVC Insulated and PVC Sheathed / XLPE Aluminium Armored/Unarmored conductor cable of 1.1kV Grade as required.			
	18.1	3.5 X 50 & 70 Sq.mm	EACH	3	0.1219%
	18.2	3.5 X 95 Sq.mm	EACH	3	0.1677%
	18.3	3.5 X 185 Sq.mm	EACH	3	0.2743%
	18.4	3.5 X 300 Sq.mm	EACH	3	0.3658%
INSTALLATION & TESTING					
19		Installation and Testing of 1x400W / 2x400W / 250W /125W HPMV / HPSV / MH Light fitting with lamp, of all type on the column / Wall / Post / Tower / Roof with down rod, supporting angle, necessary fixtures etc. (Supply of Down rod and Supporting angle will be Contractor Scope). (Fitting and Lamp will be supplied by BHEL free of cost) at stores.	EACH	200	3.8627%
20		Installation, Testing and Commissioning of Ceiling Fan and Regulator including supply and wiring the down rods of standard length (up to 30 cm) with 1.5 sq.mm FRLS PVC insulation, copper conductor, single core cable and earthing etc, as required. (Fan will be supplied by BHEL free of cost) at stores.	EACH	100	0.5800%
21		Erection of 400/800 Amps Main Panel of following sizes a) Necessary MS channel of size 100 mm x 50 mm shall be supplied and provided for the erection of MP at least 1 Support for a length of 1 metre. b) The support channels shall be neatly fixed across the cable trench, by welding or grouting. c) The MS channels shall be thoroughly cleaned and painted with one coat of red-oxide and two coat of Enamelled Paint as required. (The Main Panel alone will be supplied by BHEL free of cost) at stores.			
	21.1	2Metre Length	EACH	1	0.1219%
	21.2	3Metre Length	EACH	1	0.1626%
	21.3	4Metre Length	EACH	1	0.2032%

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	21.4	5Metre Length	EACH	1	0.2642%
22		Fixing of following ways 63A per way TPN HRC fuse Distribution board with following rating of ICTPN as incomer with top and bottom entry MS cable Adaptor box on suitable iron frame work or iron frame stand to be fixed on the concrete floor with necessary inter-connection, masonry work and etc as required. (Iron frame and adopter will be contractor scope). (The DB and ICTPN will be supplied by BHEL free of cost) at stores.			
	22.1	4 way DB, 100A ICTPN as Incomer	EACH	3	0.2255%
	22.2	8 way DB, 200A ICTPN as Incomer	EACH	3	0.2560%
23		Fixing of following ways 32A per way TPN HRC Fuse Distribution Board with following rating of ICTPN as incomer with top and bottom entry MS cable adaptor box on suitable iron frame work or iron frame stand to be fixed on the concrete floor with necessary inter-connection, masonry work and etc as required. (Iron Frame and Adapter will be Contractor scope), (The DB and ICTPN will be supplied by BHEL free of cost) at stores.			
	23.1	4 way DB, 63A ICTPN as Incomer	EACH	3	0.2011%
	23.2	8 way DB, 100A ICTPN as Incomer	EACH	3	0.2133%
	23.3	12 way DB, 200 ICTPN as Incomer	EACH	1	0.0752%
24		Fixing of following ways 16A/20A per way TPN HRC Fuse Distribution board with following rating of ICTPN as incomer with top and bottom entry MS cable adapter box on suitable iron frame work or iron frame stand to be fixed on the concrete floor with necessary inter-connection, masonry work and etc as required. (Iron frame and Adapter will be Contractor Scope), the DB and ICTPN will be supplied by BHEL free of cost) at stores.			
	24.1	8 way DB, 63A ICTPN as Incomer	EACH	3	0.1951%
	24.2	12 way DB, 100A ICTPN as Incomer	EACH	3	0.2133%

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25		Fixing of 300 / 450 / 600 mm sweep, 3 Phase 415 V man cooler along with suitable DOL Starter on Iron Frame work, with 3 pole 6 amps MCB, in 2 mm thick MS box, the iron frame and MS box to be fixed on Column / Wall with necessary fixtures etc. (Man cooler and Starter will be supplied by BHEL) at stores. (MS Box and MCB will be Contractor Scope) .	EACH	20	0.6704%
26		Installation, Testing and Commissioning of Exhaust fans up to 600 mm Sweep Single phase by making holes to suit on the wall, required masonry work to making good the damage, including connection as required. (Exhaust fan will be supplied by BHEL) at stores.	EACH	11	0.1173%
27		Fixing of following Capacity ICTPN /LTPN type disconnecter fuse switch unit on the existing cubicle panel board with MS cable entry adapter box (top/bottom) with necessary fixtures etc, including drilling holes in cubicle panel, making connections, etc as required. (Supply of Adaptor box in a Contractor Scope). (ICTPN/LTPN will be supplied by BHEL) at stores.			
	27.1	32 Amp TPN / FP	EACH	3	0.0427%
	27.2	63 Amp TPN / FP	EACH	3	0.0488%
	27.3	100 Amp TPN	EACH	3	0.0526%
	27.4	200 Amp TPN	EACH	3	0.0792%
	27.5	315/400 Amp TPN	EACH	3	0.0975%
28		Fixing following capacity ICTPN / LTPN type disconnecter fuse switch unit on suitable iron frame work on floor/wall/column with (2 mm thick) MS cable entry adapter box on (top and bottom) with necessary inter-connection, masonry work and etc as required. (supply of Adaptor Box and Iron frame will be Contractor Scope). (ICTPN/LTPN will be supplied by BHEL) at stores.			
	28.1	32 Amp TP&N	EACH	4	0.0934%
	28.2	63 Amp TP&N	EACH	4	0.1219%
	28.3	100 Amp TP&N	EACH	4	0.1707%
	28.4	200 Amp TP&N	EACH	4	0.1829%
	28.5	315/400 Amp TPN	EACH	2	0.1016%

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SUPPLY AND FIXING					
29		Supply and fixing suitable clamps and necessary fixtures for existing PVC / Steel (19 mm / 24 mm / 36mm) conduits on wall / surface / column.	MTR	50	0.0199%
30		Supply and fixing of metal box (2 mm thick) with cover of following sizes (nominal size) on surface / wall / recess with phosphatized and powder painted, locking facility as required.			
	30.1	100 mm X 100 mm X 60 mm Deep	EACH	20	0.0407%
	30.2	200 mm X 250 mm X 60 mm Deep	EACH	20	0.0893%
	30.3	200 mm X 150 mm X 100 mm Deep	EACH	10	0.0407%
	30.4	250 mm X 300 mm X 60 mm Deep	EACH	15	0.1067%
31		Supply and fixing of PCV Box type (2mm thick) with cover of following sizes (nominal size) on Surface / Wall / Recess.			
	31.1	100 mm X 100 mm X 60 mm Deep	EACH	20	0.1078%
	31.2	200 mm X 250 mm X 60 mm Deep	EACH	40	0.2875%
	31.3	200 mm X 150 mm X 100 mm Deep	EACH	20	0.1618%
	31.4	250 mm X 300 mm X 60 mm Deep	EACH	20	0.2516%
32		supply and Replacing / fixing of following rating of Socket and Switch on following size of Metal Box (nominal size) on Surface / Wall / Column / Recess with suitable size of Phenolic Laminated Sheet cover in front including providing and fixing ,interconnections, painting etc as required.			
	32.1	MS Box of 150 mm X 75 mm X 60 mm Deep, 5 / 6 Amps Socket Outlet and Flush Type Switch	NO	10	0.1016%
	32.2	MS BOX OF 180 MM X 100 MM X 60 MM DEEP, 15 / 16 AMPS SOCKET OUTLET AND FLUSHTYPE SWITCH	NO	10	0.1270%
33		Supply and Fixing following way, Single Pole and Neutral, Sheet Steel, MCB Distribution Board, 240 Volts on Surface / Wall / Column / Recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing, as required. (with out MCB) Make: GE, L&T, Siemens, Schneider, BCH, ABB.			
	33.1	4 Way, Single Door	EACH	4	0.0934%

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	33.2	8 Way, Single Door	EACH	4	0.1300%
	33.3	12 Way, Single Door	EACH	4	0.1626%
34		Supply and Fixing 4 Way, Single Door, Horizontal type Three Pole and Neutral, sheet steel, MCB Distribution Board, 415 Volts on Surface / Wall /Recess, Complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing, as required. (with out MCB) Make: GE, L& T, Siemens, Schneider, BCH, ABB.	EACH	2	0.1118%
35		Supply and Fixing 5 Amps to 32 Amps rating, 240 / 415 Volts, 'C' Curve, MCB suitable for Inductive Load of following poles in the Existing MCB DB, complete with connections, testing and commissioning etc, as required and having equivalent. Quality of MCB Make: GE, L&T, Siemens, Schneider, BCH, ABB.			
	35.1	Single Pole	EACH	20	0.1220%
	35.2	Double Pole	EACH	20	0.3050%
	35.3	Triple Pole	EACH	10	0.2135%
	35.4	Triple Pole & Neutral	EACH	10	0.3352%
36		Supply and Fixing following Rating Double Pole MCB, 240 Volts, in the Existing MCB DB, Complete with connections, testing and commissioning etc, as required. Quality of MCB Make: GE, L&T, Siemens, Schneider, BCH , ABB.			
	36.1	40 Amps	EACH	3	0.0792%
	36.2	63 Amps	EACH	3	0.0914%
37		Supply and Fixing following Rating Four Pole MCB, 415 Volts, in the Existing MCB DB, complete with connections, testing and commissioning etc, as required. Quality of MCB Make: GE, L&T, Siemens, Schneider, BCH, ABB.			
	37.1	40 Amps	EACH	3	0.1341%
	37.2	63 Amps	EACH	3	0.1616%
38		Supply and Fixing of following rating of MCB with connection and earthing and necessary fixtures as required and having Quality of MCB. Make: GE, L&T, Siemens, Schneider, BCH, ABB.			
	38.1	63 Amps TPN MCB on the Existing Distribution Board/MS Box	EACH	1	0.0386%
	38.2	32 Amps TPN MCB on the Existing Distribution Board/MS Box	EACH	1	0.0356%

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	38.3	32 Amps DP MCB on the Existing Distribution Board / MS Box	EACH	1	0.0305%
	38.4	25 Amps TPN MCB on the Existing Distribution Board / MS Box	EACH	1	0.0264%
	38.5	25 Amps DP MCB on the Existing Distribution Board / MS Box	EACH	1	0.0163%
39		Supply and Fixing of Metal Clad Socket of Best & Crompton / Sakthi Crown make with Plug Top along with suitable Rating MCB as given, in 2 mm thick MS Box on surface / Wall / Recess / Column / Ground, with cover for the socket outlet and complete with connections, testing and commissioning etc, as required and having Quality of MCB. Make: GE, L&T, Siemens, Schneider, BCH, ABB.			
	39.1	1 Phase, 3 PIN, 10 Amps Socket & Plug Top and 10 Amps DP MCB.	EACH	10	0.3556%
	39.2	1 Phase, 3 PIN, 20 Amps Socket & Plug Top and 20 Amps DP MCB.	EACH	10	0.3922%
	39.3	3 Phase, 4 PIN, 20 Amps Socket & Plug Top and 20 Amps TP MCB.	EACH	5	0.2845%
	39.4	3 Phase, 4 PIN, 30 Amps Socket & Plug Top and 30 Amps TP MCB.	EACH	7	0.5120%
40		Supply and Fixing Three Phase 30 Amps, 415 Volt, 5-Pin TPN Industrial type Socket Outlet with 4 Pole and Earth Metal enclosed Plug Top along with 30 Amps MCB, 'C' curve TP MCB in sheet steel enclosure or in Recess, with Chinel Metal Cover, for the socket outlet and Complete with Connections, Testing and Commissioning etc, as required and having Quality of MCB . Make: GE, L&T, Siemens, Schneider, BCH, ABB.	EACH	15	1.2802%
41		Supply & Fixing Steel Wire Mesh for Three Phase Column Mounted / Tabular / Pedestal Man Coolers with necessary Binding Wires & Wire Mesh etc.,	EACH	30	0.2745%
42		Supply and Laying of following Earth Strip / Wire / Bus on Surface / Wall / Recess connections as required.			
	42.1	50 X 6 mm GI Flat for Earthing.	METRE	40	0.3659%
	42.2	25 X 6 mm GI Flat for Earthing.	METRE	60	0.3049%
	42.3	25 mm X 5mm G.I Earth Strip.	METRE	20	0.0610%
	42.4	25 X 3 mm GI Flat for Earthing.	METRE	60	0.1220%
	42.5	8 SWG GI Wire	METRE	60	0.0610%

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	42.6	14 SWG G.I Wire	METRE	30	0.0215%
	42.7	8 SWG COPPER Wire	METRE	30	0.0365%
	42.8	14 SWG BARE Copper Wire	METRE	100	0.0917%
	42.9	25 mm X 6 mm Copper Flat	METRE	5	0.0407%
	42.10	50 mm X 6 mm Copper Flat	METRE	5	0.0864%
43		Supply and Fixing of Weather Proof (2mm thick) MS box of size 200 mm height x 240 mm length x 150 mm depth with one coat of red oxide and 2 coat of alu. paint for street light with 1 no of 15A fuse carrier and 6 way 15A connector.	EACH	20	0.1626%
44		Supply and fixing Calling Bell / Buzzer Suitable for Single Phase, 230 V, complete as required.	EACH	6	0.0348%
45		Supply, Installation, Testing and Commissioning of following Sweep Size Exhaust fan, Single Phase, 1420 RPM fan with suitable mounting rings, brackets and resilient rubber cushions and with necessary fixtures and with self closing louvers, by making holes to suit on the wall, making good the damage, including connection as required and having Quality. Make: Almonard, BCH, Crompton Greaves, Orient, Khaithan, Bajaj.			
	45.1	450 mm Sweep	EACH	3	0.2621%
	45.2	300 mm Sweep Exhaust fan	EACH	6	0.3658%
	45.3	150 mm Sweep Exhaust fan	EACH	5	0.1524%
46		Supply and Fixing of Electronic Type 5 step Speed Regulator for AC, Single Phase, Ceiling fan having quality. Make: Anchor, Usha, Orient, Polar , ABB.	EACH	132	1.3418%
47		Supply and Installation of 230V, AC single phase, Double ball bearing, White/Ivory colour ceiling fan of following size sweep with mounting ring, brackets and resilient rubber cushions and down rod of standard length (up to 30 cm) and wiring the down rods with 1.5 Sq.mm FR PVC, connection as required and having quality of fan. Make: Almonard, Usha, Crompton, Orient, Khaithan. (Fan should not be thread type head)."			
	47.1	600 mm Sweep	EACH	10	0.3574%
	47.2	1200 mm Sweep	EACH	20	1.0568%

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48		Supply, Installation, Testing and Commissioning of Wall / Column mounting, Vertical type, 415V, TPN, MCB Distribution board of sheet steel, dust protected duly phosphatized and powder painted, inclusive of 200 Amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, Gland / Knock out plate and with 100 Amps, 10kA MCCB as incomer interconnection between incomer MCCB and bus bar of following ways as required, without MCB. (where three phase outlets are required) and having quality of Make: GE, Siemens, L&T, Legrand, BCH .			
	48.1	4 way DB,100 Amps MCCB as incomer	EACH	2	0.2032%
	48.2	8 way DB,100AMPS MCCB as incomer	EACH	2	0.3251%
	48.3	12 way DB, 100AMPS MCCB as incomer	EACH	2	0.4877%
49		Supply and Erection of Metallic Street light standard pole of length as follows in cement concrete 1:3:6 foundation with cement concrete collar of size 0.4 m dia x 0.5 m height to accommodate, pole with pipe bracket, coil earthing, 2 nos. of each 1.5 Mtrs long GI pipe Embedded on concrete suitable for taking out 2 Core 16 / 10 Sq.mm. PVC Alu. Cable with necessary, Looping Cable End Box, Excavation and refilling etc, as required. (The pole and MS pipe bracket shall be fabricated as per BHEL drawing nos:ES:M&S:1,2A and as per is 2713 (Part-I to part-III)-1980).			
	49.1	Above 4.5 metre and upto 6.5 metre	EACH	1	0.1321%
	49.2	Above 8.0 metre and upto 10.0 metre	EACH	1	0.1829%
	49.3	Above 10.0 metre and upto 12.0 metre	EACH	1	0.2438%
END TERMINATION					
50		Supply and making of End Termination with Brass Single Compression Gland and Aluminium lugs for following size of PVC Insulated and PVC Sheathed / XPLE Aluminium Armoured/Unarmored Conductor Cable of 1.1kV Grade as required			
	50.1	3 X 50 Sq.mm	EACH	15	0.1067%
	50.2	3 X 300 Sq.mm	EACH	5	0.0610%
	50.3	3.5 X 50 Sq.mm	EACH	22	0.1565%

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	50.4	3.5 X 70 Sq.mm	EACH	11	0.0895%
	50.5	3.5 X 95 Sq.mm	EACH	25	0.2083%
	50.6	3.5 X 185 Sq.mm	EACH	20	0.2236%
	50.7	3.5 X 300 Sq.mm	EACH	10	0.1830%
	50.8	4 X 16 Sq.mm	EACH	30	0.1220%
51		Supply and making of End Termination with Brass Single Compression Gland and Copper Lugs for following size of PVC Insulated and PVC Sheathed / XPLE Copper Armoured/Unarmored Conductor Cable of 1.1kV Grade as required.			
	51.1	3 X 50 Sq.mm	EACH	6	0.0671%
	51.2	3.5 X 25 Sq.mm	EACH	30	0.2135%
	51.3	3.5 X 50 Sq.mm	EACH	30	0.3659%
	51.4	3.5 X 70 Sq.mm	EACH	6	0.0854%
	51.5	3.5 X 95 Sq.mm	EACH	11	0.1789%
	51.6	3.5 X 120 Sq.mm	EACH	6	0.1157%
	51.7	3.5 X 185 Sq.mm	EACH	11	0.2236%
SUPPLY & WIRING					
52		Supply and Wiring for Light Point / Fan Point / Calling Bell Point with 1.5 Sq.mm FR PVC Insulated Copper conductor in Surface / Wall, with flush type switch, phenolic laminated sheet, suitable size MS box and Earthing the point with 1.5 Sq.mm FR PVC Insulated Copper Cable etc as required. (1 point shall be consider as 7 metre distance more than 7 metre shall be calculated in running metres.			
	52.1	PVC Conduit (Open Wiring)	POINT	40	0.7723%
	52.2	Recessed PVC Conduit (Concealed Wiring)	POINT	11	0.2236%
	52.3	PVC Flat Conduit	POINT	50	1.0165%
	52.4	USING Steel Conduit	POINT	11	0.2905%
53		Supply and Wiring for Twin Control Light Point with 1.5 Sq.mm FR PVC insulated copper conductor in Surface / Wall, with 2 way flush type switch, phenolic laminated sheet, suitable size MS box and Earthing the point with 1.5 Sq.mm FR PVC insulated Copper Cable etc as required.			
	53.1	Using Steel Conduit	POINT	2	0.0569%
	53.2	PVC Conduit	POINT	2	0.0488%

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54		Rewiring for light point (1 Way/2 Way) / Fan point / Exhaust fan / Calling bell / Socket point with following size FR PVC insulated copper conductor and same size as earth wire in existing Surface / Wall / Recess including dismantling as required.			
	54.1	1.5 Sq.mm	POINT	5	0.0508%
	54.2	2.5 Sq.mm	POINT	5	0.0762%
MAINTENANCE OF EARTH PIT AND ERECTION OF EARTH PIT					
55		Corroded worn out damaged fasteners should be replaced with GI fasteners of not less than 8 mm by the contractor. if drilling is needed, the contractor shall bring their own drilling machine.	PIT	70	0.0349%
56		Corroded / Worn Out funnels shall be replaced by the contractor wherever necessary.	EACH	30	0.0915%
57		Earthing with GI pipe of 40 mm dia 4500 mm long, including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc, with charcoal and salt as required. (the size of pit, clamping and connections are as per drawing of BHEL:M&S:EL:PLNG:001-08.)			
	57.1	The earth pit excavation may have to be done in ordinary soil	EACH	5	0.7113%
	57.2	The earth pit excavation may have to be done in soft rock.	EACH	5	0.8636%
	57.3	The earth pit excavation may have to be done in hard rock	EACH	6	1.2802%
58		Replacing and fixing of 300 / 450 / 600 mm Sweep, 3 phase 415V Man Cooler on existing iron frame, on Column / Wall with necessary fixtures etc. (Man Cooler will be supplied by BHEL)	EACH	12	0.0732%
REMOVING					
59		Removing of one number PVC insulated and PVC Sheathed / XLPE Armoured (Copper / Aluminium) power cable of 1.1kV Grade of following sizes from underground including excavation, refilling the same trench etc as required.			
	59.1	Not Exceeding 25 Sq.mm	METRE	80	0.1467%
	59.2	Exceeding 25 Sq.mm but Exceeding 120 Sq.mm	METRE	80	0.1627%
	59.3	Exceeding 120 Sq.mm but not Exceeding 400 Sq.mm	METRE	40	0.1012%

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60		Removing of one number PVC insulated and PVC Sheathed / XPLE Armoured (Copper / Aluminium) Power Cable of 1.1kV Grade of following sizes from Wall / Trench / Rack / Floor.			
	60.1	Not Exceeding 25 Sq.mm	METRE	600	0.9090%
	60.2	Exceeding 25 Sq.mm but not Exceeding 120 Sq.mm	METRE	600	1.0404%
	60.3	Exceeding 120 Sq.mm but not Exceeding 400 Sq.mm	METRE	200	0.3867%
61		Removing End Termination of PVC Insulated and PVC Sheathed / XLPE Armoured (Copper / Aluminium) power cable of 1.1kV grade.			
	61.1	Not Exceeding 25 Sq.mm	EACH	80	0.1945%
	61.2	Exceeding 25 Sq.mm but not exceeding 120 Sq.mm	EACH	30	0.1190%
	61.3	Exceeding 120 Sq.mm but not exceeding 400 Sq.mm	EACH	30	0.1399%
62		Removing of 1 x 40W, 2 x 40W Box / Patti type fitting from Wall / Ceiling and handing over the same to the department.	EACH	150	0.6112%
63		Removing of Ceiling fans with regulator and handing over the same to the department.	EACH	50	0.2033%
64		Removing of 300 / 450 / 600 mm sweep, 3 phase 415V Man Cooler along with DOL Starter and handing over the same to the department.	EACH	11	0.1342%
65		Removing of MCB DB / FDBS of 4/8/12 Ways 16A/32A/63A, from Wall/Steel structure etc.,	EACH	50	0.2232%
66		Removing of Isolators / Fuse switch units of 32/63/100/200/315 and 400A from Wall/Steel structure etc.,	EACH	30	0.1830%
67		Removing of old PVC Conduit / Steel Conduit wirings and wires from Surface / Wall / Recess and handing over to the section.	METRE	1000	0.8171%
68		Removing of Worn out / damaged DSL insulator and Replacing new DSL insulator with necessary fixtures. (Insulator will be supplied by BHEL free of cost).	EACH	20	0.0813%
REPAIRING					

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69		Without Removing Light Fittings from the location, Replacing Bulb / Ignitor /Choke and Proving their performance. (All the spare components will be supplied by BHEL free of cost) . 1x400W / 2x400W / 250W /125W / 2x14W / 2x36W / 3x36W / 40W FL / CFI / HPMV/ HPSV /MH Roof / Column / Wall / Pole light fitting.	EACH	500	1.1161%
70		Removing the Light Fittings from the location, Replacing of Bulb / Ignitor /Choke / Starter and Refixing the same after proving their performance. (All the spares components will be supplied by BHEL free of cost).			
	70.1	1X40W FL. Fitting	EACH	800	4.0659%
	70.2	2X40W (OR) 2X65W FL. Fitting	EACH	500	2.7905%
	70.3	2X20W / 3X20W / 4X20W / 2X14W / 2X36W / 3X36W FL / CFL/LED.	EACH	300	1.8298%
	70.4	1X400W / 2X400W / 250W /125W HPMV / HPSV / MH Light Fitting.	EACH	500	5.5908%
	70.5	HI MAST Light	EACH	80	0.9758%
	70.6	Flame Proof FL. Fitting.	EACH	5	0.0305%
	70.7	Neon Sign Board at Elevated Height.	NO	1	0.0180%
71		Removal, Replacing the defective components in the following size fan and refixing the same at the original location after proving their performance. (Starters, Capacitor, OLR will be supplied by BHEL free of cost)			
	71.1	Upto 600 mm Exhaust Fan	EACH	30	0.1644%
	71.2	Upto 1200 mm Ceiling Fan	EACH	600	3.6595%
CLEANING					
72		General cleaning of three Phase column mounted /Tubular man cooler in production shop floors.	EACH	11	0.0614%
73		General cleaning of single phase ceiling / pedestal fan.	EACH	2000	1.2363%
74		General cleaning of Cubicle Cable Trench (Open the trench cover and Cleaning and Removing the unwanted items and covering the trench).	CU.METRE	1320	0.6576%
75		Cleaning of Electrical Main Panel	NO	50	0.8986%
76		Cleaning of Exhaust Fan	NO	50	0.2696%

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77		Cleaning of Pedestal Fan	NO	100	0.1797%
78		Cleaning of Tube Lights	NO	800	1.4378%
MAINTENANCE OF EARTH PIT AND ERECTION OF EARTH PIT					
79		Pouring 60 litres of water (approximately) in the funnel of every Earth Pit. (The required hose pipe and bucket shall be arranged by the contractor).	PIT	110	0.0439%
80		Measurement of Earth Electrode Resistance, Grid Earth Resistance Values. The Contractor shall bring the Required Periodically Calibrated Earth Tester with leads, spikes, tools etc as per relevant IS.	PIT	220	0.2017%
81		Writing legibly the details of the reading on the Earth Pit Cover. The details will be given by the Concerned Supervisor. The details shall be written Good Quality Paint shall be used for Background and White Colour Paint for lettering. (Paint and Brush will be supplied by BHEL at free of cost).	PIT	220	0.8945%
82		Earth pits and its surrounding shall be cleaned by the contractor using their own tools.	PIT	220	0.0833%
83		Removing the Existing Damaged Masonary Work & Providing New Mansory Work Enclosure with Slab and Watering Pipe along Earthing with GI plate of 600mm x 600mm x 6mm.	SET	60	4.6797%
84		Preventive Maintenance of Main Panel checking the Internal Parts of fuse Switch Units for Proper Operation, the Bus Bar support insulators for any possible damage or crack, insulation value of the bus bar, check the earth connection, check the tightness of cable terminations in the switches and for undesirable symptoms of overheating at the terminations & check the tightness of connections from the bus to the switch terminals. "	SET	20	0.2344%
LAYING OF TELEPHONE CABLE					

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85		Laying of single run of 100/50/20/10 Pair Armored Cable in ground to a depth of 0.8 mtr and width of 0.3 mtr including excavation, river sand cushioning, protective covering with bricks and refilling the trench as required. the digging of trenches shall be done as per the route given by engineer-in- charge in all kinds of soil. fixing of telephone cable route indicators at all road cuttings the Bitumen/Rcc Roads, GI pipes are to be laid to allow free passage of cable. (Cables and GI pipes (wherever required) will be supplied by BHEL free of cost from stores). All other items are under the scope of contractor."			
	87.1	Soft Rock / Ordinary Earth	METER	50	0.1489%
	87.2	Hard rock / Road (WBM road, Concrete Road, WMM and soling Base Road).	METER	100	0.4354%
86		Laying of 100/50/20/10 pair Armored Cable Additional Run in sl.no:1. Soft Rock /Ordinary Earth /Hard Rock/ Road (WBM Road, Concrete Road, WMM and Soling Base Road). (Cable will be supplied by BHEL free of cost from stores).	METER	200	0.0992%
87		Laying of single run of the following cable in open (Rack/Trench /Wall / Duct) 100/50/20/10 pair Armored Cable with necessary Clamps/Binding wherever required. Clamps/Bindings shall be supplied by the contractor. (Cable will be supplied by BHEL free of cost from stores).	METER	500	0.3951%
JOINTING TELEPHONE CABLE					
88		Jointing the following jelly filled telephone cable with TSF kit. Insulation tape, necessary cloth, kerosene for cleaning, blow lamp, sleeve required for jointing will be under the scope of contractor. (Required TSF kit will be supplied by BHEL at free of cost).			
	90.1	20 Pair with TSF Kit	NO	10	0.1241%
	90.2	50 Pair with TSF Kit	NO	10	0.1613%
	90.3	100 Pair with TSF Kit	NO	5	0.1055%
FIXING OF DISTRIBUTION BOX					

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89		Fixing of following Distribution Box (DB) on the wall. Necessary Drilling in the wall for Fixing DB shall be carried out by the Contractor. Fixing Tools such as Nails, Plug wood, Screws, Drilling machine, krone tool will be under the scope of the contractor. (DB Box, Cable & Krone Modules be supplied by BHEL at free of cost).	NO	5	0.0682%
END TERMINATION					
90		Making End Termination of the following telephone cables in the Distribution Boxes by using Cleaning agent with necessary fixtures for dressing the cables. Cleaning Agent/Fixtures will be under the scope of the contractor.			
	90.1	20 Pair DB	NO	5	0.0496%
	90.2	50 Pair DB	NO	5	0.0744%
	90.3	100 Pair DB	NO	3	0.0595%
ERECTION OF NEW PILLAR BOX					
91		Erection of New Pillar Box, of Standard Breadth: 3 ft, Standard Width: 1.25 ft with a suitable Brick Wall of height of 5 ft (2 ft below & 3 ft above the ground level) with plastering and white washing both inside and outside with necessary fixing bolts. Bricks, Cement, Sand, White Wash is under the scope of the contractor. (New Pillar Boxes will be supplied by the BHEL at free of cost).	NO	1	0.1241%
92		End Termination on Krone Modules in New Pillar Box incoming 100/50 Pair and outgoing 100/50 Pair with suitable jointing between incoming and outgoing cables. Contractor shall ensure that cables are properly dressed inside the pillar box. (Krone Modules will be supplied by the BHEL at free of cost).	NO	2	0.0744%
93		Laying of one number PVC Insulated and PVC Sheathed / XPLE Armoured/Unarmoured (Copper / Aluminium) Power Cable of as per IS Standard to the following sizes direct laying in shop floor by Breaking PCC floor, laying of cable sand quoting and refilling the opening by PCC as required. (Cable will be supplied by BHEL free of cost at stores).			
	93.1	UP TO 185 Sq.mm	METRE	50	0.2335%

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REPAIR, REPLACING AND PAINTING					
94		Repairing/Replacing the Broken PVC Junction by Replacing the new PVC Junction (Removal of Existing Wires and Relaying in the new PVC Pipe shall be covered in this scope).	NO	40	0.0267%
95		Repairing / Replacing the Broken PVC Electrical Pipe/ Casing Capping by Replacing the new PVC Pipe / Casing Capping with required Clamps (Removal of Existing Wires and Relaying in the new PVC Pipe shall be covered in this scope).	METER	30	0.0350%
96		Replacing of Burnt out MCB (up to 4 Pole) / Fused HRC Fuse (up to three fuses)/ Neutral link with new MCB / HRC fuse, Neutral link (Material shall be given by BHEL)	NO	30	0.0931%
97		Painting with one coat of Red Oxide as primer and two coats of Synthetic Enamel of Selected colour on Metal Surfaces of Transformers/ DB / MP / Isolators / Street Light Pole / Fencing / Steel Structures/ Angles / Bracing / Column etc. Cleaning the Surface Area including Dust, Rust, Oil Sludge etc. by means of Emery Sheet / Cleaning agent whichever suitable is contractor scope (Primer and Paint shall be supplied by BHEL).	SQ.FT	30	0.0601%
98		Welding Socket Repair/ Replacement (Base and Socket) upto 63A. (Material shall be supplied by BHEL).	NO	40	0.3337%
99		Repair / Replacing the burnt out End Termination of power cable at DB, Main Panel, MCB DB etc., without removing gland and earth connection from its location. (Lug is in Contractor Scope).			
	99.1	Upto 35 Sq.mm	NO	30	0.1251%
	99.2	Above 35 Sq.mm and upto 95 Sq.mm	NO	20	0.1001%
	99.3	Above 95 Sq.mm and upto 300 Sq.mm	NO	15	0.1126%
100		Supply and Wiring for Circuit / Sub main Wiring along Earth Wire with the following sizes of FRLS PVC Insulated Copper Conductor Single core cable in Surface / Wall with Recessed Steel Conduit, as required. (2 x 4 Sq.mm) + (1 x 4 Sq.mm Earth Wire)	METRE	120	0.4004%

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101		Supply and Wiring for Circuit / Sub main Wiring along Earth Wire with the following sizes of FRLS PVC insulated Copper Conductor Single Core Cable in Surface / Wall with recessed 2 mm thick PVC Conduit, as required. (2 x 4 Sq.mm) + (1 x 4 Sq.mm Earth Wire)	METRE	250	0.6256%
102		Installing of MCB DB of the following sizes along with MCB/MCCB as incomer and outgoing. MCB DB shall be commissioned in Concealed Manner with required Civil Work is in Vendor's scope (MCB Distribution Box and MCB will be supplied by BHEL)			
	102.1	4 Way MCB DB	EACH	8	0.1068%
	102.2	8 Way MCB DB	EACH	8	0.1401%
	102.3	12 Way MCB DB	EACH	8	0.1602%
103		Installing of MCB DB of the following sizes along with MCB/MCCB as incomer and outgoing. MCB DB shall be commissioned on Surface Manner with required Anchor Bolt / Civil Work is in Vendor's Scope (MCB Distribution Box and MCB will be supplied by BHEL)			
	103.1	2 Way MCB DB	EACH	12	0.1301%
	103.2	3 Way MCB DB	EACH	12	0.1642%
	103.3	4 Way MCB DB	EACH	12	0.1902%
	103.4	8 Way MCB DB	EACH	8	0.2002%
	103.5	12 Way MCB DB	EACH	8	0.2135%
104		Supply and Wiring of Additional Circuit / Sub main Wiring along Earth Wire with the following sizes of FRLS PVC Insulated Copper Conductor Single Core Cable in Surface / Wall with Recessed in Same Conduit / Casing Capping, as additional required.			
	104.1	(2 X 1.5 Sq.mm) + (1 X 1.5 Sq.mm Earth Wire)	METRE	50	0.1084%
	104.2	(2 X 2.5 Sq.mm) + (1 X 2.5 Sq.mm Earth Wire)	METRE	100	0.2669%
105		Laying of One number PVC Copper / Aluminium Flexible Cable in Recessed/ Wall Mounted with proper Clamping as required (Cable will be supplied by BHEL free of cost at stores).			
	105.1	Upto 4C X 4 Sq.mm	METRE	500	0.3337%

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	105.2	Above 4C X 4 Sq.mm and upto 4C X 25 Sq.mm	METRE	100	0.1084%
106		Fixing of following Ways TPN MCB Distribution Board with following Rating of ICTPN/MCCB as incomer with Top and Bottom entry MS Cable Adapter Box on Suitable Iron frame work or Iron Frame Stand to be fixed on / in the Concrete Floor with necessary inter-connection, masonry work etc as required. (Iron Frame and Adapter will be Contractor Scope), (the DB and ICTPN , MCB, MCCB will be supplied by BHEL free of cost) at stores.			
	106.1	4 Way DB, 63A ICTPN as incomer	EACH	3	0.1251%
	106.2	8 Way DB, 100A ICTPN as incomer	EACH	3	0.1501%
	106.3	12 Way DB, 200 ICTPN as incomer	EACH	10	0.5839%
107		Laying and Fixing of One Number PVC Insulated and PVC Sheathed / XLPE Armored/Unarmored (Copper /Aluminium) power cable of 1.1kV Grade as per IS Standard to the following sizes on Wall, Floor Surface with suitable Civil Arrangement as required. (Cable will be supplied by BHEL free of cost at stores).			
	107.1	Upto 35 Sq.mm (Clamped with 1 mm Thick Saddle)	METRE	70	0.1168%
	107.2	Above 35 Sq.mm and upto to 95 Sq.mm (Clamped with 25X3 mm MS Flat Clamp)	METRE	70	0.2102%
	107.3	Above 95 Sq.mm and upto 185 Sq.mm (Clamped with 25/40X3 mm MS Flat Clamp)	METRE	30	0.1251%
	107.4	Above 185 Sq.mm and upto to 400 Sq.mm (Clamped with 40X3 mm MS Flat Clamp)	METRE	20	0.0934%
108		Laying and Fixing of one number PVC Insulated and PVC Sheathed / XLPE Armored/Unarmored (Copper /Aluminium) Power Cable of 1.1kV grade as per IS Standard to the following sizes. Cable to be Concealed in the Wall, Floor Surface with suitable Civil Arrangement as required. (Cable will be supplied by BHEL free of cost at stores).			
	108.1	Upto 35 Sq.mm	METRE	70	0.1752%
	108.2	Above 35 Sq.mm and upto 95 Sq.mm	METRE	70	0.2336%

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109		Supply and Fixing of Fan Down road with Necessary Holes and Fastners for the existing running fan.	FEET	50	0.0918%
110		Fixing of SMC junction Boxes/ Cast Iron Box/ Metal Box for Street Light, High Mast with Necessary Clamp and Holder so as to Secure the box firmly on Pole / Wall/ High mast etc., (Material will be supplied by BHEL at free of cost)			
	110.1	140 X 140 X 95	NO	10	0.0384%
	110.2	200 X 140 X 95	NO	5	0.0217%
	110.3	240 X 130 X 110	NO	10	0.0517%
	110.4	250 X 200 X 105	NO	10	0.0584%
	110.5	300 X 200 X 105	NO	15	0.1001%
Total weightage					100.00%
Total Amount for Schedule A (excluding GST) [A]					71.7323% * [D]

SCHEDULE B Additional Schedules of Electrical Works

Sl.No.	Description	Unit	Qty	% allocation w.r.t. total amount of schedule B (excl. GST)
1	Supply and Installation of LED tube of following rating of Lamp in the existing fitting and necessary fixtures (230V, Single phase, lumens > 100/W). Make: Philips, Crompton Greaves, Bajaj, Wipro.			
	1.1 18W/20W Retrofit LED TUBE Lights	EACH	50	1.0631%
	1.2 18-20W, 2G11, 4 Pin, Retrofit LED Light	EACH	10	0.1776%
2	Supply and Installation of LED of following rating of Lamp with fitting and necessary fixtures etc on Wall/Ceiling. (230 V, Single Phase, lumens > 100/W). Make: Philips, Crompton Greaves, Bajaj, Wipro.			
	2.1 1X(18/20)W FL PATTI TYPE FITTING WITH LED Lights without Choke & Starter (Batten Type not allowed) .	EACH	50	1.5382%

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	2.2	1X(18/20)W FL BOX TYPE FITTING WITH LED Lights without Choke & Starter(Batten Type not allowed).	EACH	50	1.7290%
	2.3	2X(18/20)W FL PATTI TYPE FITTING WITH LED Lights without Choke & Starter (Batten Type not allowed).	EACH	50	1.9081%
	2.4	2X(18/20)W FL BOX TYPE FITTING WITH LED Lights without Choke & Starter(Batten Type not allowed).	EACH	50	1.9276%
	2.5	36W, 2*2 Recess Type LED fitting with Lamp	EACH	6	0.9491%
3		Supply and fixing of Single phase copper wound Wall mounting fan with 400mm Sweep and RPM 1330 or higher. The fan shall have swing and speed control option. Make: ANCHOR, ORIENT,HAVELLS, CROMPTON GREAVES, USHA, KUNDAN, FVBROS.	No	1	0.3105%
4		Supply and fixing of Single phase copper wound Pedestal fan with 400mm Sweep. The fan shall have swing and speed control option. Make: ANCHOR, ORIENT,HAVELLS, CROMPTON GREAVES, USHA, KUNDAN, FVBROS.	No	1	0.3105%
5		Supply and fixing of four way universal socket with single switch with spike protection. Rated capacity-230V,6A.Chord length-1.5 Meter. Make: ANCHOR, ORIENT,HAVELLS, CROMPTON GREAVES, USHA, KUNDAN, FVBROS.	No	5	0.4030%
6		Supply and fixing of B22 Holder LED bulb with the following specification, 230V, 10W with lumens of 1000 or higher. Make: PHILIPS, CG,BAJAJ,WIPRO,SYSKA.	No	10	0.2640%
7		Repairing of Pedestal fan & wall mount fan by replacing bush and bearing. (All materials will be supplied by BHEL)	No	10	0.2664%
8		Repairing of Pedestal fan, wall mount fan by rewinding of stator coils & overall servicing the fan unit before assembling	No	10	0.7983%
9		Repairing of Exhaust Fan of 300 MM sweep by rewinding of stator coils. & overall servicing the fan unit before assembling	No	10	0.6270%
10		Repairing of Exhaust Fan of 450 MM sweep by rewinding of stator coils. & overall servicing the fan unit before assembling	No	10	1.0545%
11		Repairing of Exhaust Fan of 600 MM sweep by rewinding of stator coils. & overall servicing the fan unit before assembling	No	6	1.0650%

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12		Repairing of 1200mm Sweep by Rewinding of Coil & overall servicing the fan unit before assembling	No	50	3.9915%
13		Supply , Installation and Testing of 200W LED High mast fitting on existing support / bracket at high mast poles. Make: Philips, Crompton Greaves, Bajaj, Wipro.	No	2	1.2541%
14		Supply , Installation and Testing of 150W LED flood light fitting on existing support / bracket at street light poles. Make: Philips, Crompton Greaves, Bajaj, Wipro.	No	2	1.0545%
15		Supply , Installation and Testing of 120W LED street light fitting on existing support / bracket at street light poles. Make: Philips, Crompton Greaves, Bajaj, Wipro.	No	2	0.9760%
16		Supply , Installation and Testing of 200W LED High mast fitting on the column / wall / post / tower / roof with down rod, supporting angle, necessary fixtures etc. (Supply of down rod and supporting angle will be contractor scope). Make: Philips, Crompton Greaves, Bajaj, Wipro.	No	2	1.4197%
17		Supply , Installation and Testing of 150W LED Flood light fitting on the column / wall / post / tower / roof with down rod, supporting angle, necessary fixtures etc. (Supply of down rod and supporting angle will be contractor scope). Make: Philips, Crompton Greaves, Bajaj, Wipro.	No	2	1.1645%
18		Supply , Installation and Testing of 120W LED Street light fitting on the column / wall / post / tower / roof with down rod, supporting angle, necessary fixtures etc. (Supply of down rod and supporting angle will be contractor scope). Make: Philips, Crompton Greaves, Bajaj, Wipro.	No	2	1.0545%
19		Supply and making straight through UG joints with Heat shrink kit for following size of PVC insulated and PVC sheathed / XLPE aluminium armoured cable of 11kV grade as required. Make of 11kV Kit: Raychem, 3M.			
	19.1	3C x 95 sq.mm	No	3	3.9821%
	19.2	3C x 185 sq.mm	No	3	5.2400%

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20		Supply and making indoor termination with Heat shrink kit for following size of PVC insulated and PVC sheathed / XLPE aluminium armoured cable of 11kV grade as required. Make of 11kV Kit: Raychem, 3M.			
	20.1	3C x 95 sq.mm	No	4	4.7914%
	20.2	3C x 185 sq.mm	No	4	6.6718%
21		Supply and making outdoor termination with Heat shrink kit for following size of PVC insulated and PVC sheathed / XLPE aluminium armoured cable of 11kV grade as required. Make of 11kV Kit: Raychem, 3M.			
	21.1	3C x 95 sq.mm	No	4	5.3786%
	21.2	3C x 185 sq.mm	No	4	7.3067%
22		General Preventive checking of Heavy Duty FDBs 3 Phase of 32/ 63A rating of not less than 3 phase 4 Way .Checking & correcting Loose connection, Replacing Burnt out Contacts/Parts & Overall Cleaning/ checking of panel (All Materials are in BHEL Scope).	No	60	9.9020%
23		General Preventive checking of Light duty DB Single phase of 15/32A rating of not less than single phase 4 Way Checking & correcting Loose connection, Replacing Burnt out Contacts & Overhauling of panel (All Materials are in BHEL Scope)	No	100	10.4830%
24		Supply , Installation and Testing of Lightning arrestor on the top of Building, stores annex, Water tanks or any other high rise structure. Details of Lightning arrestor will be given by BHEL.	No	5	1.8676%
25		Repair of electrical actuators used for Gates/Damper testing by guidance of BHEL staff, for which spares shall be provided by BHEL	No	10	1.7625%
26		Removing and fixing of Ammeters and Voltmeters installed in the Gate testing facility at LSF yard, for calibration.	No	30	1.5911%
27		Repair/replacing the defective components in the Column mounted/tubular Three / Single phase Starter. Re-arrangement the same at the original location after proving their performance. (All the spares components will be supplied by BHEL free of cost)	No	15	0.6192%

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28		Removing, Supply & fixing of 32 amps BCH Make welding sockets plug top at welding point.	No	10	1.3707%
29		Removing, Supply & fixing of 32 amps BCH Make welding sockets base at welding point.	No	15	2.1566%
30		Removing, Supply & fixing of 63 amps BCH Make welding sockets plug top at welding point.	No	5	2.6620%
31		Removing, Supply & fixing of 63 amps BCH Make welding sockets base at welding point.	No	10	5.3747%
32		Fixing of wood frame work at bottom of man cooler stand, spares shall be provided by BHEL.	No	10	0.7485%
33		General Cleaning of the Transformers with switch yard	No	12	1.8972%
34		General Cleaning of the Generators with Generator shed	No	5	0.8875%
Total weightage					100.00%
Total Amount for Schedule B (excluding GST) [B]					= 18.3924% * [D]

SCHEDULE C
Additional Schedule for petty Mechanical works
(All Materials/consumables will be supplied BHEL scope)

Sl.No.	Description	Unit	Qty	% allocation w.r.t. total amount of schedule C (excl. GST)
1	Replacement of belts (Wet grinder - 20 lit)	No	3	0.0983%
2	Replacement of bearings and shaft (Wet grinder - 20 lit)	No	4	1.3223%
3	Servicing of gear box (Wet grinder - 20 lit)	No	3	1.4874%
4	Repairing of vegetable cutter (Shaft and Bearing) Vegetable cutter - 10kg	No	7	1.1677%
5	Replacement of belts (Potato Peeler - 10 kg)	No	5	0.2459%
6	Replacement of sand bonding (Potato Peeler - 10 kg)	No	4	0.9916%
7	Replacement of bearings and shaft (Potato Peeler - 10 kg)	No	2	0.3966%
8	Replacement of belts (Drop gate)	No	4	0.2002%
9	Servicing of gear box (Drop gate)	No	2	0.6548%

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10		Repairing of all sizes angle grinder (Pneumatic Angle grinder - 180 mm 230 mm)	No	50	8.3768%
11		Repairing of all sizes baby grinder	No	50	4.9608%
12		Repairing of all sizes pencil grinder	No	50	5.0043%
13		Repairing of all sizes chipper grinder	No	50	6.5492%
14		Repairing of all sizes wrench grinder (1/2", 3/4", 1")	No	30	3.9643%
15		Repairing of all sizes jack hammer grinder (Heavy duty)	No	3	0.5949%
16		Servicing / repair of jet broach (30mm-50mm)	No	100	20.0174%
17		Servicing / repair of magnetic drilling machine (30mm)	No	5	0.9820%
18		Salt cleaning of outer shell and super heater (Steam Boiler- 500 lit)	No	1	0.9916%
19		All type of valve replacement (Steam Boiler- 500 lit)	No	3	0.1488%
20		Replace/repair of steam pipes including steam leakage (Steam Boiler- 500 lit)	No	10	3.3362%
21		Replace/repair of valves (Rice Vessel - 50 Kg)	No	6	0.6876%
22		Replace/repair of all types of steam valves (Canteen Steam piping - 1", 1 1/4, 1 1/2")	No	4	0.7351%
23		Repairing of sand blasting tank including valves (M-Sand Blasting)	No	5	0.8058%
24		Servicing of all types of mano block pump. (Mono block coolant pump - 0.5 HP)	No	30	6.0052%
25		Full Servicing/repairing of all types of multi stages coolant pump.	No	10	5.7282%
26		Repairing/replacing of bellows of suction and delivery duct line. (Paint Booth)	No	1	0.4204%
27		Replacement of drive belts (Paint Booth)	No	1	0.1202%
28		Replacement of bearing and shaft of blower (Paint Booth)	No	1	0.3703%
29		Tank cleaning, filter cleaning and new oil filling (Hy. Tank upto 300lit)	No	2	0.2852%
30		Tank cleaning, filter cleaning and new oil filling (Hy. Tank 300-500L)	No	1	0.3306%
31		Tank cleaning, filter cleaning and new oil filling (Hy. Tank Above 500L)	No	1	0.4066%

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32		Cleaning/replacement of coolant filter (for Half HP coolant)	No	100	7.1076%
33		Cleaning/replacement of hydraulic filter (Standard size)	No	100	7.2382%
34		Top up of Oils in the Gear box (Rate for each "Gear box top up")	No	100	8.2680%
Total weightage					100.00%
Total Amount for Schedule C (excluding GST) [C]					9.8753% * [D]
Total Amount for Schedule A + Schedule B + Schedule C (excl. GST) [D]					To be quoted in NIC portal
GST % [E]					To be quoted in NIC portal
Total Lump Sum Amount for Schedule A + Schedule B + Schedule C (incl. GST)[F]					=[D]*[1+E/100]

GST quoted _____%.

NOTE:

- 1) Individual item rates for the above individual rate schedules will be arrived based on the lump sum amount quoted by the bidder & % percentage weightage indicated against each schedule. This amount shall be rounded off to the nearest Rupee.
- 2) The contract will be awarded to **SINGLE BIDDER** only.
- 3) Evaluation of the offer shall be done on the basis of delivered cost (i.e." Total cost to BHEL")
- 4) Applicable GST extra and will be reimbursed on submission of relevant documents.
- 5) The tenderer should not claim any monthly quota (quantity) and also any other condition.
- 6) Payment shall be made for the actual quantity of work executed.
- 7) The above rates are quoted after having fully read and understood the tender terms and conditions.
- 8) The evaluation currency for this tender shall be INR.
- 9) Price quoted shall be Firm throughout the contract period and in case of extension period also.

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PRICE BID

(To be Submitted in BHEL GePNIC portal)

Tender Inviting Authority: BHEL BAP Ranipet									
Name of Work : Electrical Petty Works at BHEL, Ranipet Premises.									
Tender Notice No: 975522055E									
Name of the Bidder/ Bidding Firm / Company :									
PRICE SCHEDULE									
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)									
NUMBER #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Quoted Currency	Total lump sum amount for complete BOQ and scope of work to be entered by the Bidder excluding GST in INR Rs. P	GST (IGST , SGST+CGST) IN %	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT With Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	12	13	16	53	54	55
1	Electrical Petty Works at BHEL, Ranipet Premises as per scope of work and complete BOQ	1	EA	INR	To be Quoted	To be Quoted	0.00	0.00	INR Zero Only
Total in Figures							0.00	0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only							

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