



Bharat Heavy Electricals Limited
Heavy Electrical Equipment Plant, Haridwar-249403
Works Engineering & Services
Works Contract Section
NOTICE INVITING TENDER

(Limited Tender)

Tender Document

Name of Work: Maintenance Activities, Preventive Maintenance & Improvement of Power Supply (HT) in BHEL T/ship

Tender Enquiry No.: BHEL/HEEP/WEX-WCS/21-22/7139/20210081 DT 16.09.2021

Category & Financial Limit: EW001(Fin. Limit-I & above)

Due date of Tender Opening: 01.10.2021

Type of Bid: Two Part

Place of Submission of Tender / Bid:

Through email : tendercell.heep@bhel.in

Or

*Tender Room, Purchase Deptt., 4th floor,
Main Administrative Building, HEEP
BHEL Haridwar-249403 (Uttarakhand)*

Contact Persons:

1. Himanshu Arora, Dy. Manager(WEX-WCS)
Contact Address: WCS, ADM-4, BHEL (HEEP), Haridwar-249403
Email: harora@bhel.in; shiv.charan@bhel.in;
Phone: 01334-28-1932; Fax: 01334-226460

I/We agree with the above

Signature of Issuing officer

Signature of Bidder with Stamp

Details of Tender Document

The Tender document has been detailed as follows:

Part-I (TECHNO-COMMERCIAL BID)

1. Cover page
2. Index
3. Notice Inviting Tender (NIT)
4. General Instructions to Tenderer.
5. General Terms & Conditions of Tender.
6. Special Terms & Conditions of Tender
7. Bill & Payment terms, LD clause & Other terms & Conditions
8. Unpriced Price Bid
9. Check List for Tenderer
10. Annexure-X
11. Acceptance/ No Deviation Certificate

Part-II (PRICE BID)

1. Price Bid

I/We agree with the above

Signature of Bidder with Stamp

Signature of Issuing officer

Name of work: Maintenance Activities, Preventive Maintenance & Improvement of Power Supply (HT) in BHEL T/ship.
NIT No. - BHEL/HEEP/WEX-WCS/21-22/7139/20210081 DT 16.09.2021



NOTICE FOR TENDER (NIT)

BHARAT HEAVY ELECTRICAL LIMITED
 HEEP, Haridwar-249403 (UTTARAKHAND)

Name of Dept	Works Engineering & Services (Works Contract Section)		
Phone	01334-281932/1176	Fax	01334-226460
Email Address	harora@bhel.in		
Contact Person	Himanshu Arora		
NIT Key.	20210081	Dated :	16.09.2021
NIT No.	BHEL/HEEP/WEX-WCS/21-22/7139/20210081 DT 16.09.2021		
NIT No. on www.bhel.com			
NIT No. on www.bhelhwr.co.in			
Type Of Tender	Limited		
#Tender Cost (in INR)	Rs. 500		
EMD (in INR)	Rs. 14,408/-		
Period of completion of work	12 Months		
Two Part Bid /single bid	Two Part Bid		
NIT Value (in Rs.)	Rs 18,24,516/- (GST Extra as applicable)		
Last Date of Sale of Tender	30.09.2021	Time :	02.30PM
Last Date of submission of Tender	01.10.2021	Time :	01:45PM
* Date and Time for opening of Technical Bid	01.10.2021	Time :	02:00PM
Place Of submission of Tender	Through email: tendercell.heep@bhel.in Or Tender Room, Purchase Deptt., 4th floor, Main Administrative Building, BHEL , HEEP, Haridwar-249403 (Uttarakhand)		

* In case of two-part bid, date of opening of Tender means the date of opening of Techno-commercial bid. However, date of opening of price bid shall be intimated to technically qualified parties. If the due date of tender opening happens to be a holiday, the tenders will be opened on the next working Tuesday/Friday.

Tender cost & EMD shall be submitted either in form of cash receipt issued by cash section, BHEL, HEEP, Haridwar (subject to provision of Income tax act) or Demand draft issued by any nationalized bank in favour of Sr. Accounts Officer (Cash), BHEL, HEEP, Haridwar separately in two different envelopes superscribed as Tender cost and EMD respectively. However Tender cost is non-refundable. **Tender fee & EMD shall be exempted subject to submission of valid UDYAM/EM-II/NSIC Certificate (duly notarized or attested by a Gazetted officer) and Tender Fee shall be exempted for tender documents downloaded from website.**

Name of Work: Maintenance Activities, Preventive Maintenance & Improvement of Power Supply (HT) in BHEL T/ship

Contracting Executive Name: Himanshu Arora
Date:

1. BHEL reserves the right to accept or reject any/ all application(s) without assigning any reason thereof.
2. If any document submitted by tenderer found false at any stage, the tender/ work order will be cancelled immediately and the financial loss to BHEL if any in making alternative arrangement will be recovered from the contractor.
3. BHEL will not be responsible for the loss or delay of tenders in transit in any case.
4. All further corrigenda, addenda, amendments, time extensions, clarifications & etc. to the tender, if any shall only be notified on BHEL websites (www.bhel.com / www.bhelhwr.co.in) as applicable.
5. For detailed instructions/information refer the tender document on BHEL website.

I/We agree with the above

Signature of Issuing officer

Signature of Bidder with Stamp

General Instructions to Tenderer

The Contractors who wish to participate should **go through the Tender documents thoroughly** and plan well before quoting, to ensure that the Tender process is not aborted / vitiated, due to their reasons.

1.0 Quoting & Signing the Tender

- a. Before Quoting, the tenderers are advised to inspect the site of work and its environment and be well acquainted with the actual working and other relevant conditions, position of materials and labor. Tenderers are also requested to go through General -Terms & conditions, Special -Terms & conditions of tender, Scope of work, Technical Terms & Conditions, drawings and specifications and all other documents which are part of tender will form part of the agreement to be entered into.
- b. While quoting the rate, the tenderer is advised to take into account the likely expenditure, taxes etc. during the operation of the Contract period from the date of commencement of work as directed by BHEL.
- c. While quoting the rates the tenderer is advised to take into account all factors including any fluctuations in market rates. No claim will be entertained on this account after acceptance of the tender or during the execution of the contract.
- d. All entries in Tender documents shall be clearly written in one ink or typed. All the corrections / cancellations / insertions, if any, shall be duly attested by the Bidders concerned.
- e. Rates should be quoted as per the Price Bid. Rates quoted in any other form will not be accepted and is liable to be rejected.
 - 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 e(a) and e(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.
- f. The Bidder shall fill in all the required particulars of the Tender documents and also sign & Stamp on each and every page of the Tender documents (Techno- Commercial Bid, Price Bids, Terms & Conditions etc.) including corrigendum & the drawing attached therein while submitting their tender.
- g. Should a Bidder find discrepancies or omissions in the Tender documents or should there any doubt as to their meaning, he should at once address the authority inviting the Tender, for clarification well before the due date, so as to submit his Tender in time.
- h. Every endeavor is made to avoid any error which can materially affect the basis of the tender but the successful tenderer shall take upon himself to provide for the risk or any error which may be subsequently discovered and shall make no subsequent claim on account thereof.
- i. Tenders not in accordance with the Tender conditions herein contained and the Tenders not in original **ARE LIABLE TO BE REJECTED**.
- j. If a Bidder deliberately gives wrong information in his Tender or creates conditions favorable for the acceptance of his Tender, **BHEL WILL REJECT SUCH TENDER AT ANY STAGE**.
- k. Words imparting singular number shall be deemed to include plural number and vice-versa where the context so requires.
- l. Canvassing in any form, in connection with the Tender is strictly prohibited and such Tenders are bound to be rejected. All information furnished is taken to be authentic by the bidder for evaluation of the Tender. Should any information be found incorrect subsequently, at any later stage, the Tender / Contract shall be rejected / terminated and action as per BHEL Policy, rules & prevailing Guidelines shall be taken.

I/We agree with the above

Signature of Issuing officer

Signature of Bidder with Stamp

- m. Should a Bidder's or a Contractor's or in the case of a firm or company of Contractors / any of its shareholder's or shareholder's relative be employed in BHEL Haridwar, the authority inviting the Tenders shall be informed in writing of this fact at the time of submission of the Tender, failing which the Tender may be disqualified, or if such fact subsequently comes to light, the Contract may be cancelled.
- n. The Tender schedule and the Tender shall be deemed to form an integral part of the Contract to be entered into for this work.
- o. Tenders are to be submitted in **Tender Room, Purchase Deptt., 4th floor , Main Administrative Building, BHEL, HEEP, Haridwar-249403 (Uttarakhand)** upto 01:45 PM on the date of tender opening. BHEL will not be responsible for any consequences that may arise leading to delay in submission of tender/bid.
- p. Late and Delayed Tenders shall be rejected.
- q. In case of Limited Tender Enquiry if you are not interested to submit the offer, please send a letter specifying the same.
- r. Price bid should not be enclosed along with the techno commercial bid and other documents in the same cover/envelope. The price bids have to be given category wise in a sealed cover and the entire lot of price bid sealed covers will have to be kept in a separate large cover, duly sealed.

ALL THE REQUIRED DOCUMENTS SHALL BE FILLED IN THE SAME SERIAL ORDER AS PER THE FORMAT / COLUMN OF THE "TECHNO-COMMERCIAL BID". ALL THE PAGES SHALL BE SERIALLY NUMBERED ON THE RIGHT HAND SIDE TOP CORNER. PAGE NUMBERS AND DETAILS OF THE CONCERNED DOCUMENTS ALSO SHALL BE FILLED IN "TECHNO- COMMERCIAL BID" IN THE BOXES PROVIDED. ALL THE PAGES OF TENDER DOCUMENTS ARE TO BE DULY SIGNED AND STAMPED BY THE BIDDER.

- s. All the envelopes shall be super-scribed with Name of work, NIT No. & Date of Tender Opening with the Name & Complete address of the bidder.
- t. The envelope Containing Price Bid shall additionally be super-scribed as "PRICE BID" and the envelope containing Techno-commercial bid shall be additionally super-scribed with "TECHNO-COMMERCIAL BID".
- u. Tender Fees & EMD or Proof related to exemption as required as per Terms & Conditions of Tender shall be kept in Techno-commercial bid envelope.
- v. ***The contractor must ink sign and stamp on each page of tender document including supporting documents submitted with tender.***
- w. The annual maintenance and service contract shall be governed as per the BHEL Works policy, Rules & General conditions of the contract.
- x. Bidders shall enclose the certificate of satisfactory performance, from previous customer in the Techno-Commercial Bid envelope, along-with the tender documents in support of their claim of having minimum experience of similar works and /or provide all documents as per PQR criteria.
- y. Vendor shall ensure meeting all statutory obligations as applicable during the contract period.
- z. Deviation from any of the specified requirements should be clearly brought out on a separate sheet titled as deviation. In case of no deviation a "**NO DEVIATION STATEMENT**" shall be submitted with the tender (Techno-commercial offer).

2.0 Signing the Tender

- a. The Tender shall be signed by the Authorized Signatory Only.
- b. Authorized signatory shall be the Proprietor.
- c. In case the Bidder is a Partnership Firm under Partnership Act, the Tender shall be signed by all the Partners of the firm or by Partner having authority to sign on behalf of all other partners. Copy of the authority should be enclosed.
- d. In case the Bidder is a company, authorized signatory of the company. Copy of the authority will have to be enclosed.
- e. In case of Power of Attorney (POA). A copy of the Power of Attorney, duly attested by the issuer shall accompany the tender.

I/We agree with the above

Signature of Issuing officer

Signature of Bidder with Stamp

- f. If the POA is revoked during the existence of the contract, it shall be the responsibility of the of the issuer to inform the same to BHEL. The issuer shall remain bound by the acts committed under the POA till the date of such information to BHEL.

3.0 Date / Time for opening of Tender

- a. Sealed covers so received will be opened at **Tender Room, Purchase Deptt., 4th floor, Main Administrative Building, BHEL, HEEP, Haridwar-249403 (Uttarakhand)** at 02:00 PM on the same day of due date of tender submission as per NIT (Notice inviting Tender) in the presence of the Bidders or their Authorised Representatives who may choose to witness the same.
- b. The Techno Commercial bids only will be opened in case of two-part bid.
- c. In case of two-part bid, the Price Bids of bidders, who are technically qualified will be opened later. The date & time of price bid opening will be informed to the technically qualified Bidders.

4.0 Witnessing the Tender opening

- a. The representative of the Bidder may choose to witness the Tender opening and have to produce the Authorization Letter in the tender room, before opening of the Tender. The representatives without Authorization Letter will not be allowed to participate in the Tender opening.
- b. Only one representative from one bidder will be allowed to participate in the Tender opening.

5.0 Quoting

- a. Quoting best rate and the sanctity of the L1 status.
- b. Quoting the lowest best rate is a must against this Tender. However, bidders are required to understand that the lowest rate offered by them or accepted by them, as the case may be should be honoured throughout the period of the Contract.

6.0 Participation

The Parties who have been suspended or black listed or banned by BHEL HEEP, Haridwar or any other BHEL Unit will not be allowed to participate in the Tender and the bidder should declare the same in the Tender. Even during the course of evaluation / finalization of Tender if it is found that some of the parties are black listed / barred from business transactions / under business hold, BHEL will reject their offer.

7.0 Validity of Offers:

The rates quoted shall be valid for acceptance for a minimum period of 120 days from the date of tender opening. Withdrawal of Tender or increasing the rates during this validity period is not allowed. Date of tender opening shall be date of opening of first/Techno-commercial bid.

8.0 Address for sending the offer:

The offer should be sent to address as below well in advance so that it reaches before or on due date and time through registered post or in person.

In charge, Tender Room, Purchase Deptt., 4th floor, Main Administrative Building, BHEL, HEEP, Haridwar-249403 (Uttarakhand).

I/We agree with the above

Signature of Issuing officer

Signature of Bidder with Stamp

Submission of E-mail bids:

1. Bidders may also submit tenders/bids through email from their official email id on tendercell.heep@bhel.in . Tenders/bids submitted through email should be in pdf format with separate password protection for both techno-commercial bid and price bid. The attached file name shall carry NIT/ Enquiry number and super scribed with techno-commercial Bid and Price Bid so that both bids can be separately identified before opening. The date and time of Price Bid opening will be informed to the technically qualified bidders normally two days before date of price bid opening.

Bidder is required to share the password for opening of techno-commercial bid/ price bid through email on tendercell.heep@bhel.in after 01:45 PM (IST) on the opening date of Techno-commercial bid/ price bid. Bidder to share the relevant bid opening password only. However, if no password is received up to 04:00 PM (IST) bids will not be opened and shall be ignored.

BHEL will not be responsible for any consequences that may arise due to submission of wrong password by the bidder.

Bidder submitting offer through email shall be super scribed as per subject below:

- a. Tender Enquiry Reference no. (NIT no.) _____
 - b. Bid opening date (Part 1, Techno commercial) _____
2. Bid submission through email will be considered as consent to open the bid without physically witnessing the event.
 3. Bidders may submit EMD and tender fee through Electronic Fund Transfer credited in BHEL account (before time/ date of tender opening i.e. 01:45 PM (IST) on the scheduled date and attach receipt of online transaction along with the techno-commercial bid. BHEL account details are as below:

NAME: BHEL HEEP COLLECTION A/C
ADDRESS: RANIPUR, HARIDWAR
ACCOUNT NO. : 10667995458
IFSC CODE: SBIN0000586

Note: -

1. In case of any ambiguity/discrepancy between any clause of “General Terms & Conditions” and “Special Terms & Conditions, Scope of Work, Technical Terms & Conditions and Bill of Quantity” the clause of “Special Terms & Conditions, Scope of Work, Technical Terms & Conditions and Bill of Quantity” shall prevail.

I/We agree with the above

Signature of Issuing officer

Signature of Bidder with Stamp

General Terms & Conditions of Tender

1. GENERAL

These general terms & conditions shall apply to all the Tender Enquiries, notice inviting tenders, request for quotations concerning the works/services contracts pertaining to Bharat Heavy Electricals Ltd., HEEP, Haridwar (hereinafter referred to as BHEL or the Purchaser). In case of placement of order these conditions will become part of Work Order (W.O.) until unless the deviations are specifically agreed by BHEL.

2. DEFINITIONS

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"** shall mean the notice inviting the tender and acceptance thereof and the formal agreement if any, executed between the Bharat Heavy Electricals Ltd., Heavy Electrical Equipment Plant, Haridwar and the contractor together with the documents referred to there in including these conditions, and any special conditions, specifications, designs, drawings etc. All these documents taken shall be deemed to form one contract and shall be complementary to one another.
- (b) The **"TENDER DOCUMENT"** means the form of tender as applicable with General and Special Conditions of contract, and the specifications and/or drawings as given to contractors for the purpose of preparing their tender including "Notice Inviting Tender".
- (c) The **"WORK"** means the work described in the tender documents in individual work order and/ or accompanying drawings and specifications as may be issued from time to time to the contractor by the Engineer-In-Charge in writing the power conferred upon them, including all modifications or additional works and obligations to be carried out either at the site or in factory, workshop or any other place as may be essentially required for the performance of the work.
- (d) The **"SITE"** means the land and/ or other place on into or through which the work is to be executed under the contract or any adjacent land, part or structure which may be allotted to or used for the purpose of carrying out the contract.
- (e) The **"CONTRACTOR"** shall mean the individual of firm or company whether incorporated or not, undertaking the work and shall include legal representatives of such individual or persons composing such firm or incorporated company or successors of such person, firms or company as the case may be and permitted assignee of such individual or firm or company.
- (f) The abbreviations "Engr/Sr. Engineer / Dy. Mgr/ Mgr./ Sr. Mgr/ DGM/ Sr.DGM" means Engineer/ Senior Engineer/ Deputy Manager/ Manager/ Senior Manager/ Deputy General Manager/ Sr.Dy. General Manager respectively who will direct the contract.
- (g) The **"ENGINEER-IN-CHARGE"** means the Engineer/ Sr. Engineer or any other executive deputed by BHEL to supervise the work or part of the work on behalf of the First Party.
- (h) Accepting authority: As per BHEL Delegation of Power.
- (i) **"APPROVED"** means the approval of directions of the Engineer/ Sr. Engineer or any other executive or person deputed by them for the particular purpose.
BHEL means the Bharat Heavy Electricals Limited/ HEEP plant of the said Company at Ranipur, Hardwar.
- (j) The **"CONTRACT SUM"** means the sum accepted or the sum calculated in accordance with the prices accepted in tender and/ or the Contract rate as applicable to the contractor for the entire execution and full completion of the work.
- (k) The **"FINAL SUM"** means the actual amount payable under the contract by BHEL to the contractor for the entire execution and full completion of the work.
- (l) The **"TIME OF COMPLETION"** is the date or dates for completion of the work or any part of the work as set out in or ascertained in accordance with the individual work or the tender documents or any subsequent amendments thereto.
- (m) A **"WEEK"** means seven days without regard to the number of hours worked in any day in that week.
- (n) A **"DAY"** shall mean a day of 24 hours from midnight to midnight irrespective of the number of hours worked in that day.
- (o) A **"WORK DAY"** means 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 in the BHEL Rules and Regulations.
- (p) **"DEVIATION ORDER"** means any order given by the Engineer-In-Charge to effect an alteration, addition or deduction, which does not radically affect the scope and nature of the contract.
- (q) **"EMERGENCY WORK"** means any urgent measures which in the opinion of the Engineer-In-Charge become necessary during the progress of the work to obviate any

I/We agree with the above

Signature of Bidder with Stamp

Signature of Issuing officer

risk of accident or failure or which become necessary for security.

(r) **"PROVISIONAL SUM"** or **"PROVISIONAL LUMP SUM"** means a lump sum included by the BHEL in the work for which details are not available at the time of inviting tender.

(s) **"PROVISIONAL ITEMS"** means items for which approximate quantities have been included in the tender documents.

3. EARNEST MONEY DEPOSIT

(a) Vendor is required to deposit the EMD as specified in NIT.

(b) EMD shall not carry any interest.

(c) Modes of deposit:

The EMD may be accepted only in the following forms:

- (i) Cash deposit as permissible under the extant Income Tax Act (before tender opening)
- (ii) Electronic Fund Transfer credited in BHEL account (before tender opening)
- (iii) Banker's cheque/ Pay order/ Demand draft, in favour of BHEL (along with offer)
- (iv) Fixed Deposit Receipt (FDR) 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)**

In addition to above, the EMD amount in excess of Rs. Two Lakh may also be accepted in the form of Bank Guarantee from scheduled bank. The Bank Guarantee in such cases shall be valid for at least six months.

(d) Forfeiture of EMD

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

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

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

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

(g) EMD of successful tenderer will be retained as part of Security Deposit.

(h) EMD deposited in any modes other than specified at (c) above shall lead to cancellation of the offer.

4. SECURITY DEPOSIT

(a) Successful vendor shall require to deposit security. 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.

(b) Modes of deposit:

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

- i) Cash (as permissible under the extant Income Tax Act)
- ii) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL
- iii) Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL
- iv) 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)
- v) 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)

(c) 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)

(d) The Security Deposit shall not carry any interest.

(e) The additional condition of Security Deposit (If any) shall be specified in Special Terms & Conditions of tender.

(f) Refund of Security Deposit

After completion of work awarded, provided always that the contractor shall first have been paid final bill and have rendered a "No Demand" certificate, the security deposit mentioned in condition above shall be refunded to the contractor as follows: 100% shall be released within 3 months of satisfactory completion of the work duly verified by Site/Engineer-In-charge.

I/We agree with the above

Signature of Bidder with Stamp

Signature of Issuing officer

5. COMMERCIAL TERMS

- Prices shall be quoted on "Firm Price" basis only.
- Validity of offer shall be for a minimum period of 120 days from the date of Tender Opening.

6. SPECIAL CONDITIONS FOR MSME

"MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure -X where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer."

UAM need not required to be notarized or attested.

7. SETTLEMENT OF DISPUTES/ARBITRATION

In all cases of dispute, the matter shall be referred for ARBITRATION by sole arbitrator to be appointed by the Unit Head of Bharat Heavy Electricals Ltd., at HARIDWAR. The award of the Arbitrator shall be final and binding on both the parties. The place of Arbitration shall be Haridwar.

JURISDICTION: The courts of Haridwar, India, shall have exclusive jurisdiction.

8. RISK PURCHASE CLAUSE

In case of delays in supplies / defective supplies or non-fulfilment of any other terms & conditions given in the work order the purchaser/contracting executive may cancel the work order in full or part thereof and may also make the purchase of the material / service from elsewhere / alternative source at the risk and cost of supplier. Vendor/Contractor does not agree to above clause, their offer is liable to be rejected. In case any vendor/contractor accepts risk purchase clause initially and subsequently declines to honour the term in the eventuality of RISK PURCHASE, they may be banned for business with BHEL."

I/We agree with the above

Signature of Bidder with Stamp

9. FORCE MAJEURE CLAUSE

Notwithstanding any other thing contained anywhere else in the contract or WO (Work Order), In case the discharge of obligation under the contract by either party is impeded or made unreasonably onerous, neither party shall be considered in breach of the contract to the extent that performance of their respective obligation is prevented by an event of Force Majeure that arises after the effective date (WO date). In the above clause, Force Majeure means an event beyond the control of the parties to the contract which prevents a party from complying with any obligation of the contract including but not limited to:

- a) Act of God (Such as but not limited to earthquake, drought, tidal waves, floods etc.).
 - b) War (whether war be declared or not), Hostilities Invasion, Act of foreign enemy etc.
 - c) Rebellion, revolution, insurrection, civil war etc.
 - d) Contamination of Radio Activity from any nuclear fuel or from any other nuclear waste or any other hazardous materials.
 - e) Riots, commotions, strike unless restricted to the employees of supplier.
 - f) Acts of terrorism.
 - g) Other unforeseeable circumstances beyond the control of the parties and which the affected party cannot avoid even by using its best efforts.
 - h) Cancellation of contract by customer.
 - i) Change in law / government. Regulation making the performance impossible.
- The party claiming to be affected by force majeure shall notify the other party in writing immediately without delay on the intervention and on the cessation of such circumstances.

Irrespective of any extension of time, if an event of force majeure occurs and its effect continues for more than 180 days the affected party shall have right to cancel the contract.

As soon as reasonably practicable following the date of commencement of a Force Majeure Event, and within a reasonable time following the date of termination of a Force Majeure Event, either Party invoking it shall submit to the other Party reasonable proof of the nature of the Force Majeure Event and of

Signature of Issuing officer

its effect upon the performance of the Party's obligations under this Agreement.

The party shall, and shall ensure that its Subcontractors shall, at all times take all reasonable steps within their respective powers and consistent with Good Operating Practices (but without incurring unreasonable additional costs) to:

- a) Prevent Force Majeure Events affecting the performance of the party's obligations under this Agreement.
- b) Mitigate the effect of any Force Majeure Event.
- c) Comply with its obligations under this Agreement.

If the war like situation has developed in a country where a seller's works is located in this W.O. or there is political instability and Indian Embassy located in that country forbids or advises for not having any business dealing with the sellers located in such zone / region/ country, then BHEL reserves the right to cancel the order.

10. FRAUD PREVENTION POLICY

The Bidder along with its associate / collaborators / 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 fraud or suspected fraud as soon as it comes to their notice”.

Fraud Prevention policy and List of Nodal Officers shall be hosted on BHEL website, vendor portals of Units / Regions intranet.

11. SUSPENSION OF BUSINESS DEALINGS WITH SUPPLIERS/CONTRACTORS

In order to protect the commercial interests of BHEL, it becomes necessary to take action against suppliers / contractors by way of suspension of business dealings, who either fail to perform or are in default without any reasonable cause, cause loss of business / money / reputation, indulged in malpractices, cheating, bribery, fraud or any other misconducts or formation of cartel so as to influence the bidding process or influence the price etc. Penal action can be initiated on the suppliers / Contractors in line with extant "Guidelines for Suspension of Business Dealings with Suppliers / Contractors". The abridged version of extant 'Guidelines for suspension of business dealings with suppliers / contractors' has been uploaded on <http://www.bhel.com> on “supplier registration page”.

I/We agree with the above

Signature of Bidder with Stamp

12. IMPLEMENTATION OF INTEGRITY PACT (IP)

Bidders shall submit Integrity Pact (IP), duly signed by its authorized signatory who signs in the offer, along with their techno-commercial bids wherever estimated tender value is Rs. 2 Crore or above. This pact shall be considered as a preliminary qualification for further participation.

12A. INTEGRITY PACT (IP)

i). IP is a tool to ensure that activities and transactions between the Company and its Bidders /Contractors are handled in a fair, transparent and corruption free manner. Following Independent External Monitor (IEM) on the present panel have been appointed by BHEL with the approval of CVC to oversee implementation of IP in BHEL.

SI No	IEM	Email
1	Shri Arun Chandra Verma, IPS (Retd.)	acverma1@gmail.com
2	Shri Virendra Bahadur Singh, IPS (Retd.)	vbsinghips@gmail.com

ii). The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory) along with techno-commercial bid (Part-I, in case of two/ three part bid). Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this Pact would be a preliminary qualification.

iii). Please refer Section-8 of the IP for Role and Responsibilities of IEMs. In case of any complaint arising out of the tendering process, the matter may be referred to the above IEM. All correspondence with the IEM shall be done through email only.

Note: No routine correspondence shall be addressed to the IEM (phone/ post/ email) regarding the clarifications, time extensions or any other administrative queries, etc on the tender issued. All such clarification/ issues shall be addressed directly to the tender issuing (procurement) department's officials whose contact details are mentioned on the first page of tender documents.

13. DAMAGE & LOSS TO PRIVATE PROPERTY & INJURY TO CONTRACT EMPLOYEE

The Contractor shall at his own expense reinstate and make good to the satisfaction of BHEL 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

Signature of Issuing officer

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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 in death) loss or damage to any person whomsoever or property including all claims which may arise under the Workmen's Compensation Act or otherwise.

14. RIGHT OF ACCEPTANCE

- a) BHARAT HEAVY ELECTRICALS LIMITED HARIDWAR reserves the right to reject any or all the bids / quotations without assigning any reason thereof. BHEL also reserves the right to increase or decrease the tendered quantities. Bidders should be prepared to accept order for reduced quantity without any extra charges.
- b) Any discount /revised offer / bids submitted by a bidder on its own shall be considered, provided it is received on or before the due date and time of offer / bid submission (Part-1). Conditional discounts shall not be considered for evaluation of tenders.
- c) Unsolicited discounts / revised offers / bids given after Part-1 bid opening shall not be accepted. No change in price will be permitted within the validity period asked for in the tender enquiry.
- d) In case of changes in scope and / or technical specification and / or commercial terms & conditions having price implication, techno-commercially acceptable bidders shall be asked by BHEL to submit the impact of such changes on their price bids. In case a bidder opts to submit revised price bid instead of impact called for then the latest price bid shall prevail. However, in both situations, original price bid will be necessarily opened.
- e) The bidder whose bid is technically not accepted will be informed & EMD wherever submitted shall be returned after finalization of contract. EMD shall be forfeited in the event of bidder opting out after tender opening.
- f) BHEL reserves the right to short close the existing Purchase Order / Rate Contract / Work Order or any extension thereof at any stage.

15. PRICE SCHEDULE

- a) Kindly quote your prices in figures and words both. In case of any discrepancy in value, the prices quoted in

words shall be considered for evaluation and establishing L1 status.

- b) Applicable IGST / CGST / SGST and any other statutory levy should be indicated separately and clearly in the bid / quotation

NB: Financial evaluation of L1, L2Status will be on the basis of Landed Cost to BHEL.

16. GST RELATED TERMS & CONDITIONS

Bidder has to specify the following in their techno-commercial bid (part I bid in case of two part bid):

- I. a) Legal Name of the bidder as in GST registration, GST registration No., State, Place of business, category of registration under GST i.e. Registered dealer / Unregistered dealer/ dealer opted for Composition Scheme,
b) HSN (Harmonised System Nomenclature) / SAC (Service Accounting Code), description of Goods/Services and applicable IGST / CGST / SGST rate and any other statutory levy, if any, for each item of Goods or Services.
- II. a) Unregistered Dealer
Since in case of unregistered dealer, GST will have to be paid by BHEL under reverse charge mechanism, the same shall be added to the quoted price for evaluation bid.

b) Dealer opting for Composition Scheme

In case of registered dealer, who opt for composition scheme at the time of submission of bid, no GST will be payable to the bidder and also same will not be considered for evaluation of bid. Dealer has to declare in technical bid that no GST is shown separately in price bid. However, in case at the time of actual supply, the bidder charges GST at normal rate, the same shall be reimbursed subject to the availability of GST credit to BHEL. In case GST credit is not available to BHEL, no GST will be payable to the bidder.

- III. Reimbursement of GST shall be made by BHEL-Haridwar on matching of Contractor inputs as mentioned below at GST portal and after ensuring of availability of input credit to BHEL, Haridwar. Hence, Contractor has to ensure compliance as follows-

- a) Timely raising & submission of GST compliant Invoices
- b) Timely receipt of Goods & Services
- c) Timely and correct payment of applicable GST by supplier/contractor
- d) Timely filing of return

I/We agree with the above

Signature of Bidder with Stamp

Signature of Issuing officer

e) Compliance of other applicable provisions on supplier/contractor:

Contractor has to also give consent to accept payment of tax after such matching in all cases where bills are submitted directly to BHEL-Haridwar or through bank or under LC or through any other mode.

IV. In the event of any disallowance of input credit (including reversal of credit) or applicability of interest or arising of any other financial liability on BHEL-Haridwar due to any default of supplier/contractor under GST such as non/delayed receipt of Good/Services, delayed raising & submission of invoices, delayed payment of tax, non/wrong declaration of sale by Contractor in return etc. or any other reason not attributable to BHEL, such implication shall be to supplier's/contractor's account and will be deducted from bills.

V. In the event of any change in the status of the bidder after submission of the bid but before the supply/service, GST applicable at the time of supply/service or GST quoted in the bid, based on the registration status of the bidder, whichever is lower shall be payable.

VI. Statutory Variation in Taxes & duties as applicable at the time of supply shall be payable. However, in the event of no change in law but bidder quoting certain tax structure in bid document which is lower than the applicable one, such amount shall be the maximum amount of tax that can be claimed by bidder.

VII. In case of Liquidated damage (LD) recovery, the applicable GST shall also be recoverable from the suppliers.

VIII. As per the extant GST rules, as of now it is not mandatory to file returns immediately and ITC has been allowed on self-declaration. In view of the changed scenario, the payment of GST shall made to the contractors simultaneously with their work/services invoices. The Contractors / vendors shall need to submit the undertaking as per the following format before such GST payments. However in case the availability of ITC on self-declaration is discontinued at the time of submission of invoice then the clause II above shall be applicable.

Certificate of Goods and Service to be furnished by Contractor with each bill / invoice

We hereby undertake that:

I/We agree with the above

Signature of Bidder with Stamp

1. Goods and Service Tax charged in the following Invoices / Bill Numbers are in compliance with the provision of GST Act & Rules prevailing thereon:

Sl. No	PO No/ Work Order	Invoice No	Invoice date	GST Amount

2. Goods and Service Tax charged in the Bill / Invoice shall be paid by us within due time.

3. Any liability due to any delay / default in payment of GST, return filling or any other NON-compliance under GST Law / Rules, shall be to our account.

4. In the event of any non-compliance on our part, We indemnify BHEL for any financial burden / loss on account of GST / interest / penalty.

5. We give our consent to BHEL to recover any such financial burden if arises on BHEL due to any non-compliance from any outstanding bills. In the event of Nil outstanding, same shall be paid by us to BHEL.

6. In the event of any such default, we agree BHEL to pay all future GST reimbursement after verification of GST compliance under the law.

7. We understand that this arrangement shall be valid till the credit of Input Tax Credit (ITC) is available without online validation or further amendment if any affecting admissibility of ITC to BHEL.

Signature of Authorized Signatory (with seal)
GST No:

IX. The provisional GST registration number of Bharat Heavy Electrical Ltd, Heavy Electricals Equipment Plant, Ranipur, Haridwar is "05AAACB4146P1ZL" with state Code as "05" and State Name as "Uttarakhand".

17. SPECIAL POWERS OF TERMINATION

If at any time after the acceptance of the tender, BHEL shall for any reason whatsoever not require the whole or any part of the work, to be carried out, the Engineer In charge 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 foreclosing of the work.

The contractor shall be paid at contract rates for the full amount of the work executed including such additional work i.e., cleaning of site etc. as may be

Signature of Issuing officer

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rendered necessary by the said foreclosing. He shall also be allowed a reasonable payment (as decided by the Accepting Officer) for any expenses sustained on account of labour and material collected but which could not be utilized on the work as verified by the Engineer In charge but the contractor shall not have any claim for compensation on account of any alterations having been made in the original specifications, drawings, designs and instructions involving and curtailment of the work as originally contemplated.

18. PUBLIC PROCUREMENT PREFERENCE TO MAKE IN INDIA, ORDER 2017

For this procurement, Public Procurement (Preference to Make in India), Order 2017 dated 15.06.2017, 28.05.2018, 29.05.2019 & 04.06.2020 and subsequent Orders issued by the respective Nodal Ministry shall be applicable even if issued after issue of this NIT but before finalization of contract/ PO/WO against this NIT. In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and / or local content in respect of this procurement, same shall be applicable.

19. OVERWRITING IN PRICE BIDS

Bid should be free from correction, overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of person(s) signing the bid else shall be liable for rejection.

20. GENERAL NOTES

- a. Rates shall be quoted in figures as well as in words and contractor must put his signature & Seal on each page of the tender documents / undertakings, while submitting his offer, failing of which tender may be liable for rejection.
- b. BHEL reserves the right to cancel the tender at any stage of tendering till signing of agreement without assigning any reason(s) thereof. The tender cost in that event shall not be refunded.
- c. The contractor shall not employ any worker less than 18 years of age during execution of his work.
- d. 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 the L-1 status even after soliciting discounts, the 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).

I/We agree with the above

Signature of Bidder with Stamp

Ranking will be done accordingly. BHEL's decision in such situations shall be final and binding."

- e. The work shall be governed by the specifications, general terms & conditions of BHEL contract, special conditions, tender terms, environment related conditions, safety clause and any other relevant conditions applicable time to time.
- f. The contractors are advised to see the site before quoting the rates.
- g. BHEL reserves the right to award only a fraction or part of the work given in the bill of quantity.
- h. Contractor found or reported for non-compliance of the legal obligations during the execution of the contract, shall be debarred from the issue of NITs for at least 01 year or till the proof of compliance is produced.
- i. L1 may also be decided based on Reverse Auctioning based on the discretion of BHEL.
- j. BHEL does not bind themselves to accept the lowest tender or any tender or to give any reason for their decision.
- k. Contractor shall ensure all the safety provisions for the execution of the work awarded. It shall provide all the necessary PPE's (until & unless specified clearly about the issue of any PPE by BHEL in Special or any other Conditions of tender) to his workmen or any individual deployed by him for execution of the work and ensure usage of the same.
- l. The evaluation currency for this tender shall be **INR**.
- m. The Bidder declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.

Signature of Issuing officer

SPECIAL TERMS & CONDITIONS OF TENDER

The tenderer is requested to care full read the following before tendering:

1. CONTRACTOR WILL MAINTAIN SUFFICIENT INVENTORY OF MATERIAL REQUIRED FOR ATTENDING DAY TO DAY COMPLAINTS COVERED UNDER THE CONTRACT AT HIS OWN COST. PAYMENT SHALL BE MADE ONLY WHEN SUCH MATERIAL IS USED.
2. CONTRACTOR WILL PROVIDE CHALLAN FOR THE MATERIAL USED FOR ATTENDING COMPLAINTS AND RETURN OLD MATERIAL TO ELECTRICAL STORE.
3. DEPARTMENT WILL PROVIDE FREE OF COST SPACE/STORE FOR KEEPING THE MATERIAL AT SITE BUT CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR HIS MATERIAL LYING AT SITE.
4. THE CONTRACT WILL BE EXECUTED AS PER REQUIREMENT AND MAY CLOSE EVEN WITHOUT COMPLETION OF ALL THE ITEMS OF TENDER.
5. CONTRACTOR WILL HAVE TO SUBMIT THE VALID ELECTRICAL LICENSE FROM ELECTRICAL INSPECTOR OF UTTANCHAL CONTRACTOR IS NOT ELIGIBLE FOR EXECUTING ELECTRICAL WORK WITHOUT IT.
6. CONTRACTOR MAY VISIT TOWNSHIP TO ASSESS THE EXACT SCOPE OF WORK INVOLVED PRIOR OF QUOTING THE RATES.
7. NO EXCUSES FOR HINDRANCE VIZ. JUNGLE, EXTREME WEATHER CONDITIONS; NON-AVAILABILITY OF LABOUR ETC. WILL BE ENTERTAINED FOR NOT EXECUTING/COMPLETING THE WORK.
8. THE CONTRACTOR SHALL HAVE TO CARRY OUT THE WORK ANY WHERE OUT SIDE/ IN SIDE FACTORY AREA AND NOTHING EXTRA SHALL BE PAID FOR ANY EXTRA LEAD AND LIFT FOR CARRYING OUT THE WORK AT VARIOUS HEIGHTS/CONDITIONS
9. INCOME TAX (TDS) WILL BE RECOVERED AS PER RULES.
10. SHUT DOWN, IF NEEDED WILL BE GIVEN TO THE COMPETENT PERSON AUTHORISED BY THE CONTRACTOR.
11. UNLESS AND OTHERWISE SPECIFIED ALL THE ELECTRICAL WORKS BEING CARRIED OUT BY THE CONTRACTOR SHOULD BE IN ACCORDANCE WITH INDIAN ELECTRICITY RULES.
12. CONTRACTOR'S SUPERVISOR WITH WORKMAN WILL REPORT TO CONCERN SUPERVISOR DAILY AT 8.00 A.M. & 1.30 P.M. FOR TAKING JOB & THEY WILL RETURN TO JOB FORMS IN THE EVENING ON THE SAME DAY, DULY SIGNED BY THE USER TO THE SUPERVISOR.
13. IF ANY EMERGENCY COMPLAINTS/WORK COMES TO NOTICE AT EVENING, THE SAME SHALL BE COMPITED AT THE SAME TIME BY CONTRACTOR ACCORDING TO NEED OF DEPTT.
14. GST SHALL BE REIMBURSED AS PER ACTUAL.
15. SCHEDULE/ANALYZED ITEMS ARE LIABLE FOR CORRECTIONS IF THERE IS ANY OMISSION/TYPOGRAPHICAL/ CALCULATION ERROR.
16. ALL WORK MUST BE CARRIED OUT ACCORDING OF I.E.RULES.

17. QUALITY, MAKE DESIGN OF ANY MATERIAL SPECIFIED OR NOT SHALL BE OF HIGH STANDARD AS PER RELEVANT I.S.S. AND SHALL BE GOT APPROVED BY ENGINEER-IN-CHARGE PRIOR TO PURCHASE/USE AT SITE.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MISHAP, INJURY TO PERSONNEL/MATERIAL ETC.
19. RATES SHOULD INCLUDE THE PROVISION OF ALL MATERIAL NOT SPECIFICALLY MENTIONED IN THE SCHEDULE LIKE ALL TYPE OF FASTENER, BUSHES, NUTS & BOLTS, SCREW, CLAMPS ETC. AND LIKE WHICH ARE ESSENTIALLY REQUIRED FOR COMPLETION OR THE WORK IN ALL RESPECTS ACCORDING TO STANDARD PRACTICE.
20. EXCEPT THE MATERIAL SUPPLIED BY THE DEPTT. CONTRACTOR WILL RESPONSIBLE FOR PROVIDING MAN & MATERIAL EVERY DAY AS PER REQUIREMENT.
21. WORK WILL BE SPLIT IN THREE PARTS I.E. **39.49% (Part-A), 33.21% (Part-B) AND 27.30%(Part-C)** EACH. L-1 WILL BE CONSIDERED FOR AWARD OF LARGEST PART(I.E PART-A). HOWEVER, THE QUANTITIES OF ITEMS IN PART A/B/C WILL/ MAY NOT BE INLINE OF PERCENTAGE AS DEFINED ABOVE.
22. ESTIMATED VALUE OF LARGEST PART(PART-A) I.E 7.21 LACS(APPROX) SHALL BE TAKEN AS FINANCIAL LIMIT FOR DECIDING ELIGIBILITY OF CONTRACTORS BASED ON REGISTRATION LIST AND EMD.
23. SPLITTING THE WORK:
 1. WORK WILL BE SPLIT IN THREE PARTS I.E. 39.49 % PART A (SEC-I/II), 33.21 % PART B (SEC-IV/V), 27.30 %PART C (SEC-III/VI). L-1 RATE WILL BE CONSIDERED FOR AWARD OF LARGEST PART IF HIS QUOTED/ NEGOTIATED RATES ARE FOUND REASONABLE. FINALLY ACCEPTABLE RATES OF L-1 BIDDER SHALL BE COUNTER OFFERED TO THE OTHER BIDDERS. IN CASE ANY BIDDER(S) DO NOT ACCEPT THE L-1 RATES, THE COUNTER-OFFER MAY BE EXTENDED TO OTHER BIDDERS.
 2. PROCEDURE FOR DIVIDING THE WORK SHALL BE AS FOLLOWS:
 - i. L-1 WILL BE GIVEN LARGEST PART OF WORK (PART-A ,L-2 WILL BE GIVEN SECOND LARGEST PART(PART-B) AT THE RATES OF L-1,L-3 WILL BE GIVEN THIRD LARGEST PART (PART-C) AT L-1 RATES.
 - ii. IF NUMBER OF CONTRACTORS HAVING VALID OFFER IS LESS THAN THE NO. OF PARTS OF TENDER.L-1 MAY BE GIVEN MORE NUMBER OF PARTS THEN L-2 .
 - iii. AS THIS TENDER IS SPLIT INTO THREE PARTS (PART A,PART-B & PART-C). IF VALID OFFER WILL BE LESS THAN THREE, L-1 WILL BE AWARDED PART-A & PART-C WHEREAS L-2 WILL BE AWARDED PART-B, AT THE RATES OF L-1.
 3. IN CASE NONE OF THE TECHNICALLY QUALIFIED BIDDERS ACCEPT TO WORK AT QUOTED/NEGOTIATED AND REASONABLE L1 RATES THEN COMPLETE WORK WILL BE AWARDED TO TECHNICALLY QUALIFIED L1 BIDDER.
24. CONTRACTOR SHALL ARRANGE/PROVIDE EACH TYPE OF MATERIAL REQUIRED COMPLETING THE WORK WITHIN THE BILL OF QUANTITY.
25. NO BILL WILL BE ENTERTAINED UNTILL THE WAGES OF WORKER AS APPLICABLE ARE PAID.
26. NO PAYMENT WILL BE MADE AGAINST SUPPLY OF MATERIAL. HOWEVER, RUNNING BILLS WILL BE PAID AS PART PAYMENT ON PARTLY COMPLETED WORKS.

27. THE CONTRACTOR SHALL EITHER HIMSELF SUPERVISE THE EXECUTION OF WORK OR SHALL APPOINT COMPETENT PERSON DULY APPROVED BY THE ACCEPTING AUTHORITY TO ACT AT SITE.
28. VALID CERTIFICATE TOWARDS EXEMPTION OF EMD & TENDER FEE, APPLICABLE FOR MICRO AND SMALL ENTERPRISES
29. WORK SHALL BE EXECUTED/ STARTED WITH PRIOR INTIMATION TO THE ENGINEER IN-CHARGE.
30. DURING THE EXECUTION OF WORK PARTY MUST ENSURE ALL SAFETY PRECAUTIONS NECESSARY FOR WORKING AT HEIGHTS ETC.
31. BHEL RESERVES THE RIGHT TO SHORT CLOSE THE CONTRACT WITHOUT ASSIGNING ANY REASON (S) THEREOF AT ANY STAGE.
32. THE WORK SHALL BE GOVERNED BY THE SPECIFICATIONS, GENERAL TERMS & CONDITIONS OF BHEL CONTRACT, SPECIAL CONDITIONS, ENVIRONMENT RELATED CONDITIONS, NEW SAFETY CLAUSE AND ANY OTHER RELEVANT CONDITIONS APPLICABLE TIME TO TIME.
33. CONTRACTOR HAS TO COMPLETE THE WORK IN TIME AS PER DEMAND OF THE ENGINEER IN-CHARGE
34. CONTRACTOR SHOULD ENGAGE CONTRACT LABOURS AFTER SEEKING POLICE VERIFICATION (WITH NO ADVERSE REMARKS). SUCH POLICE VERIFICATION SHOULD NOT BE OLDER THAN THREE YEARS AT ANY POINT OF TIME DURING THE DURATION OF THE CONTRACT.
35. AS A MATTER OF ADMINISTRATIVE EASE, THE CONTRACTOR SHOULD MAKE ALL DISBURSEMENTS TO HIS WORKMEN PREFERABLY THROUGH THEIR BANK ACCOUNTS.
36. FINAL BILLS AGAINST WORK CONTRACTORS SHALL BE SUBMITTED TO FINANCE WITHIN 2 MONTHS FROM DATE OF ACTUAL COMPLETION OF WORK OR WITHIN ONE MONTH FROM DATE OF MEASUREMENT WHICHEVER IS EARLIER, UNLESS THERE IS SOME PROBLEM WHICH SHALL BE SUPPORTED BY A

DOCUMENT IN THIS REGARD. FINANCE WILL PROCESS SUCH BILLS AND RELEASE THE PAYMENT WITHIN ONE MONTH NORMALLY AFTER RECEIVING THE BILLS IN FINANCE.
37. IN CASE SCHEDULED ITEMS & WORKED-OUT ITEMS ARE INCLUDED IN BOQ, THE CONTRACTOR MUST QUOTE RATES FOR BOTH ITEMS. L-1 WILL BE JUDGED ON CUMULATIVE QUOTED VALUE FOR ALL ITEMS OF THE WORK.
38. CONDITIONAL TENDER IS LIKELY TO BE REJECTED.
39. BHEL SHALL HAVE THE RIGHT TO REJECT ANY TENDER BASED ON PAST UNSATISFACTORY PERFORMANCE.
40. BHEL HAS THE RIGHT TO REJECT ALL OR ANY OF THE TENDERS AND ACCEPT ANY TENDER(S) IRRESPECTIVE OF ITS / THEIR BEING THE LOWEST / HIGHEST.

41. CONTRACT MAY BE CANCELLED AT ANY STAGE WITHOUT ASSIGNING ANY REASON AND CONTRACTOR WILL NOT HAVE ANY CLAIM IN THIS REGARD.
42. IF ANY INFORMATION/DOCUMENTS SUBMITTED BY THE CONTRACTOR ARE FOUND FALSE/FAKE AT ANY STAGE. THE TENDER WILL BE CANCELLED AND EARNEST MONEY DEPOSITED SHALL BE FORFEITED.
43. THE TENDERER SHALL SIGN EVERY PAGE OF THE TENDER DOCUMENTS. IN CASE FIRM / COMPANIES, THE TENDER DOCUMENTS MUST BE SIGNED BY A PERSON HOLDING A VALID POWER OF ATTORNEY AND A COPY OF SUCH POWER OF ATTORNEY SHOULD BE ATTACHED WITH THE TENDER.
44. THE MAIN CRITERIA OF JUDGING PERFORMANCE OF CONTRACTOR WILL BE TIMELY COMPLETION OF THE WORK, QUALITY OF THE WORK AND RESPONSE OF THE CONTRACTOR.
45. BHEL RESERVES THE RIGHT TO AWARD ONLY FRACTION OR PART OF THE WORK GIVEN IN THE BILL OF QUANTITY.
46. THE CONTRACTOR WILL HAVE TO MAKE HIS OWN ARRANGEMENT FOR TRANSPORTATION OF WATER TO THE SITE OF WORK FROM NEAREST AVAILABLE WATER POINT IN TOWNSHIP AT NO EXTRA COST. CONTRACTOR HAS TO ENSURE STORAGE OF WATER DURING NON SUPPLY HOURS AT NO EXTRA COST.
47. IF REQUIRED WORK CAN BE DONE ANY WHERE IN THE TOWNSHIP OF BHEL, HARDWAR AS PER DIRECTION OF ENGINEER INCHARGE.
48. CONTRACTOR HAS TO COMPLETE THE WORK WITHIN THE GIVEN PERIOD OF COMPLETION.
49. THE WORK WILL BE DONE AS PER ENCLOSED SPECIFICATION & AS PER INSTRUCTION OF ENGINEER INCHARGE.
50. MEASUREMENT SHALL BE TAKEN JOINTLY BY ANY PERSON / PERSONS DULY AUTHORISED ON THE PART OF THE BHEL & THE CONTRACTOR.
51. THE CONTRACTOR SHALL PROVIDE ASSISTANCE WITH APPLIANCE AND OTHER THINGS NECESSARY FOR MEASUREMENT WITHOUT EXTRA CHARGE.
52. IF THE CONTRACTOR / HIS REPRESENTATIVE FAIL TO ATTEND WHEN REQUIRED FOR MEASUREMENT, THE ENGINEER INCHARGE SHALL HAVE POWER TO PROCEED BY HIMSELF TO TAKE MEASUREMENTS AND IN THAT CASE, THESE MEASUREMENTS SHALL BE ACCEPTED BY THE CONTRACTOR AS FINAL.
53. MEASUREMENT SHALL BE RECORDED IN MEASUREMENT BOOK MAINTAINED BY THE AUTHORIZED REPRESENTATIVE OF BHEL WHO SHALL MAKE ENTRIES REGARDING THE WORK EXECUTED BY THE CONTRACTOR UNDER DIFFERENT ITEMS OF BILL OF QUANTITY. THESE ENTRIES WILL BE COUNTER-SIGNED BY THE CONTRACTOR.
54. RUNNING BILL PAYMENT AGAINST THE WORK EXECUTED SHALL BE MADE TO THE CONTRACTOR AFTER RECORDING ON MEASUREMENT BOOK BY AUTHORISED BHEL REPRESENTATIVE & AGREED BY CONTRACTOR AND DULY CHECKED BY ENGINEER INCHARGE.

BILLS & PAYMENT TERMS AND CONDITIONS

1. All payment will be subject to deduction of income tax / trade tax etc. at source as per applicable rules.
2. Water charges will be deducted at the rate of Rs.1.00 per Rs. 1000.00 of the value of the work.
3. No bill will be entertained until the wages of workers, as applicable are paid. Item wise payment can be done subject to successful completion a per site requirement & producing timely bills.
4. No advance payment shall be made under any circumstances. Also no interest shall be paid due to delay in making the payment.
5. Applicable GST shall be paid by BHEL on submission of GST complied invoice under Goods & Services tax (GST) law.
6. Contractor to ensure compliance of GST law and rule applicable on supply involved in this tender and in the event of any non-compliance by contractor, implication of same if any shall be on account of contractor.
7. Tax deduction at source: - tax shall be deducted at source from running bill as applicable income tax rule & other statutory requirements.
8. No payment will be made against supply of material. However, running bills will be paid as part payment on partly completed works.
9. No payment shall be made for the work done without the permission of engineer in charge.
10. All payment will be made through e-mode.
11. Running bills against work contractors shall be submitted to the finance for payment within 15 days from the date of measurement, unless there is some problem which shall be supported by documents in this regard. Finance will process such bills and release the payment within 30 days normally after receiving the bills in finance.
12. The payment of final bill will be made only after satisfactory completion of the work, clearance of the site & clearance of all the liabilities on contractor's part. No claim will be entertained after signing the final bills.
13. Final bills against work contractors shall be submitted to finance within 2 months from date of actual completion of work or within one month from date of measurement whichever is earlier, unless there is some problem which shall be supported by a document in this regard. Finance will process such bills and release the payment within one month normally after receiving the bills in finance.
14. Payment shall be made as per accepted rates for the satisfactory work done as per details given in item & its specification.
15. Maintenance period of work is 6 months from date of completion of work.
16. In case contractor fail to provide service in maintenance period (In case of fault/breakdown) the expenditure of related maintenance shall be adjusted from the security deposited by the contractor . Security deposit will be released only after completion of maintenance period.

LD & PANLETY CLAUSE

17. LD @ 1% per week* per item of Bill of Quantity (Maximum of 10% of item value) shall be applicable if contractor fails to complete of aforesaid item of Bill of Quantity as scheduled by Engineer-in-Charge-BHEL.
* Week shall be count from 4th day to 7th day. 'Week' shall also include Sunday/holiday also for calculation.
18. In this contract goods and service tax shall be applicable. For this GST registration is required no payment shall be made unless GST registration number is submitted. GST status of previous bill will be checked before passing of subsequent bill and if found not on portal then GST amount will be deducted from subsequent bill.

CONTRACTOR'S OBLIGATION

A. CONTRACTUAL

1. CONTRACTOR SHALL SUPERVISE THE WORK ALLOTTED TO HIM AND TO BE CARRIED OUT BY HIS EMPLOYEES.
2. CONTRACTOR TO ENSURE THAT THE EMPLOYEES DEPLOYED IN THE PREMISES OF BHEL ARE PHYSICALLY AND MENTALLY FIT AND DO NOT HAVE ANY CRIMINAL RECORD. SUCH EMPLOYEES SHOULD POSSESS REQUISITE SKILL, PROFICIENCY, QUALIFICATION, EXPERIENCE ETC.
3. CONTRACTOR TO MAINTAIN APPROPRIATE RECORDS OF HIS EMPLOYEES DEPLOYED TO CARRY OUT THE JOB (S).
4. CONTRACTOR TO PROVIDE EMPLOYMENT CARD / IDENTITY CARD WITH PHOTOGRAPH DULY VERIFIED AND ATTESTED BY THE CONTRACTOR TO HIS EMPLOYEES. CONTRACTOR TO INDICATE THE NAME OF THE PROPRIETARY / PARTNERSHIP FIRM / COMPANY, PLACE OF WORK, CONTRACT NUMBER AND DURATION OF VALIDITY OF CARD.
5. CONTRACTOR WILL BE RESPONSIBLE FOR THE GOOD CONDUCT OF HIS EMPLOYEES. IN CASE OF ANY MISCONDUCT / MISBEHAVIOR BY ANY EMPLOYEE, THE CONTRACTOR WILL REPLACE SUCH EMPLOYEE (S) IMMEDIATELY.
6. CONTRACTOR WILL ENSURE THAT THE JOBS EXECUTED THROUGH HIS EMPLOYEES ON HIS ROLLS AND SHALL NOT SUB-CONTRACT THE JOB.
7. CONTRACTOR WILL KEEP WATCH ON HIS EMPLOYEES AND HE WILL BE LIABLE FOR ANY PILFERAGE / LOSS TO BHEL DUE TO ACTS OF OMISSION AND COMMISSION BY HIS EMPLOYEES. SIMILARLY, LIABILITY FOR ANY COMPENSATION TO OUTSIDERS ON ACCOUNT OF ANY ACT OF OMISSION AND COMMISSION BY THE EMPLOYEES DEPLOYED BY THE CONTRACTOR SHALL LIE EXCLUSIVELY WITH HIM.
8. CONTRACTOR TO PROVIDE SAFETY APPLIANCES AND SAFETY SHOES TO HIS EMPLOYEES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENFORCING ALL SAFETY REGULATIONS AS APPLICABLE.
9. CONTRACTOR TO ENSURE THAT ALL PRECAUTIONS ARE TAKEN FOR SAFETY OF HIS EMPLOYEES AND EQUIPMENTS.
10. IN THE EVENT OF TERMINATION OF CONTRACT FOR ANY REASON WHATSOEVER, THE CONTRACTOR SHALL WITHDRAW ALL HIS EMPLOYEES FROM THE ESTABLISHMENT OF BHEL. IN CASE CONTRACTOR DECIDES TO TERMINATE SERVICES OF HIS EMPLOYEES, HE SHOULD SETTLE ALL TERMINAL DUES INCLUDING RETRENCHMENT COMPENSATION.

B. TOWARDS STATUTORY LIABILITY:-

1. ALL STATUTORY REQUIREMENTS UNDER MINIMUM WAGES ACT, 1948, PAYMENT OF WAGES ACT, 1936, WORKMEN COMPENSATION ACT, 1923, EPF & MP ACT, 1952, PAYMENT OF GRATUITY ACT, 1972, ESI ACT, 1948, THE CONTRACT LABOUR (R&A) ACT, 1970, PAYMENT OF BONUS ACT, 1965, INCOME TAX, GST ACT AND ALL OTHER APPLICABLE ACTS SHALL BE COMPLIED WITH BY THE CONTRACTOR.

2. CONTRACTOR SHALL COMPLY WITH ALL STATUTORY REQUIREMENTS, RULES, REGULATIONS, AND NOTIFICATIONS IN RELATION TO EMPLOYMENT OF HIS EMPLOYEES ISSUED FROM TIME TO TIME BY THE CONCERNED AUTHORITIES.
3. CONTRACTOR SHALL ENSURE PAYMENT OF STATUTORY PRESCRIBED MINIMUM WAGES AS APPLICABLE FROM TIME TO TIME IN THE PRESENCE OF AUTHORIZED REPRESENTATIVE OF BHEL AND MAINTAIN PROPER RECORDS OF THEIR TIMELY DISBURSEMENT. THESE RECORDS NEED TO BE PRESERVED FOR A PERIOD OF AT LEAST 3 YEARS AND SHOULD BE MADE AVAILABLE EVEN AFTER THE CONTRACT IS OVER FOR ANY VERIFICATION BY THE STATUTORY AUTHORITIES / BHEL AUTHORITIES.

CONTRACTOR TO PROVIDE PF PASS BOOK TO HIS EMPLOYEES AND ENSURE PAYMENT OF PF, UNDER EPF & MP ACT, 1952 TO THE RPFC.

4. CONTRACTOR SHALL ENSURE PAYMENT OF ESI CONTRIBUTION UNDER ESI ACT, 1948 AND PROVIDE ESI MEMBERSHIP NO. CARD OF EACH EMPLOYEE.
5. CONTRACTOR SHALL PRODUCE PROOF OF DEDUCTIONS AS WELL AS REMITTANCES OF PF, ESI CONTRIBUTION, AND ADMINISTRATIVE CHARGES ETC. WHEREVER APPLICABLE AND SHALL MAINTAIN PROPER RECORDS. CONTRACTOR TO ISSUE WAGE SLIPS TO HIS EMPLOYEES.
6. CONTRACTOR SHALL FURNISH PROPER RETURNS TO THE CONCERNED STATUTORY AUTHORITIES AND PROVIDE A COPY OF THE SAME TO BHEL.
7. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR NON PAYMENT DELAYED PAYMENT OF WAGES / DA, CONTRIBUTIONS UNDER EPF & MP ACT, ESI ACT ETC.
8. IN CASE THE CONTRACTOR FAILS TO MAKE PAYMENT OF WAGES TO HIS EMPLOYEES OR REMITTANCE OF CONTRIBUTION TO THE CONCERNED AUTHORITIES, THE SECURITY DEPOSIT / OTHER DUES / RUNNING BILLS UNDER THE CONTRACT CAN BE UTILIZED BY BHEL TO DISCHARGE THE LIABILITY OF THE CONTRACTOR.
9. 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.
10. THE LIABILITY FOR ANY COMPENSATION ON ACCOUNT OF INJURY SUSTAINED BY AN EMPLOYEE OF THE CONTRACTOR WILL BE EXCLUSIVELY THAT OF THE CONTRACTOR.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING PAYMENT OF WAGES BEFORE THE EXPIRY OF 7TH DAY AFTER THE LAST DAY OF THE WAGE PERIOD IN RESPECT OF WHICH THE WAGES IN THE PRESENCE OF THE AUTHORITIES REPRESENTATIVE OF CONTRACT OPERATION DIVISION.
12. CONTRACTOR TO OBTAIN LICENSE UNDER CL (R & A) ACT, 1970.

C.TOWARDS SUPPLY OF TOOLS, TACKLES AND MATERIALS:-

1. CONTRACTOR SHALL PROVIDE TO HIS EMPLOYEES ALL TOOLS, TACKLES AND EQUIPMENTS AND MAINTAIN THE SAME TO CARRY OUT THE JOB UNDER THE CONTRACT AT HIS COST AND IF NECESSARY CONTRACTOR MAY TAKE INSURANCE POLICY OF HIS MEN, MATERIAL, EQUIPMENTS AND TOOLS AND TACKLES.

2. CONTRACTOR SHALL PROVIDE SAFETY APPLIANCES AND MAINTAIN THE SAME AT HIS OWN COST WHICH MAY BE REQUIRED UNDER THE STATUTE OR OTHERWISE.
3. CONTRACTOR SHALL PROVIDE MATERIAL AT HIS COST AS MENTIONED IN THE CONTRACT TO HIS EMPLOYEES FOR CARRYING OUT THE JOB.

D. TOWARDS FINANCE: -

1. CONTRACTOR TO ARRANGE HIS OWN FINANCE FOR CARRYING OUT THE JOB INCLUDING SUPPLY OF TOOLS, TACKLES AND EQUIPMENTS TO HIS EMPLOYEES, MATERIALS, PAYMENT OF WAGES TO HIS EMPLOYEES ETC. RATES QUOTED SHALL BE NET AND INCLUSIVE OF ALL THE CAPITAL COST, MATERIAL COST, TAXES AND LEVIES WHICH MIGHT BE APPLICABLE TOP THIS TYPE OF JOB.

E. TOWARDS BUILDING & OTHER CONTSTRUCTION WORKERS ACT 1996(BOCW ACT):-

BUILDING & OTHER CONSTRUCTION WORKERS (REGULATION OF EMPLOYMENT AND CONDITIONS OF SERVICE) ACT, 1996 (BOCW ACT) AND RULES OF 1998 READ WITH BUILDING & OTHER CONSTRUCTION WORKERS CESS ACT 1996 & CESS RULES, 1998.

IN CASE OF ANY PORTION OF WORK INVOLVES EXECUTION THROUGH BUILDING OR CONSTRUCTION WORKERS, THEN THE CONTRACTOR SHALL ENSURE COMPLIANCE TO THE ABOVE THE ACTS AND CONTRACTOR SHALL OBTAIN LICENSE AND DEPOSIT THE CESS UNDER THE ACT. IN THE CIRCUMSTANCES, IT MAY BE ENSURED AS UNDER:-

- i. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR IN THE CAPACITY OF EMPLOYER TO FORTHWITH (WITHIN A PERIOD OF 15 DAYS FROM THE AWARD OF WORK) APPLY FOR A LICENSE TO THE COMPETENT AUTHORITY UNDER THE BOCW ACT AND OBTAIN PROPER CERIFICATION THEREOF BY SPECIFYING THE SCOPE OF ITS WORK. IT SHALL ALSO BE RESPONSIBILITY OF THE CONTRACTOR TO FURNISH A COPY OF SUCH CERTIFICATE OF LIECENSE / PERMISSION TO BHEL WITHIN A PERIOD OF ONE MONTH FROM THE DATE OF AWARD OF CONTRACT.
- ii. IT SHALL BE THE SOLE RESONSIBILITY OF THE CONTRACTOR AS EMPLOYER TO ENSURE COMPLIANCE OF ALL THE STATUORY OBLIGATIONS UNDER THESE ACT AND RULES INCLUDING THAT OF PAYMENT / DEPOSIT OF 1% CESS ON THE EXTANT OF WORK INVOLVING BUILDING OR CONSTRUCTION WORKER ENGAGED BY THE CONTRACTOR WITHIN A PERIOD OF ONE MONTH FROM THE RECEIPT OF PAYMENT.
- iii. IT SHALL BE THE RESPONSIBILITY OF THE SUB CONTRACTOR TO FURNISH THE RECEIPTS /CHALLANS TOWARDS DEPOSIT OF THE CESS TOGETHER WITH THE NUMBER, NAME AND OTHER DETAILS OF BENEFICIARIES (BUILDING WORKERS) ENGAGED BY THE SUB-CONTRACTOR DURING THE PRECEDING MONTH.

IT SHALL BE THE ABSOLUTE RESPONSIBILITY OF THE SUB –CONTRACTOR TO MAKE PAYMENT OF ALL STATUTORY PAYMENTS & COMPENSATIONS TO ITS WORKERS INCLUDING THAT IS PROVIDED UNDER THE WORKMEN’S COMPENSATION ACT, 1923.

MATERIAL SPECIFICATION

- 1- ALL MATERIAL SHOULD BE AS PER RELEVANT ISS OR BSS.
- 2- PIANO TYPE SWITCH AND SOCKET WILL BE OF SSK/ ANCHOR MAKE.
- 3- TUMBLER SWITCH PORCELAIN BASE OF 5 AMPS. & 15 AMPS WILL BE OF SSK OR EQUIVALENT MAKE.
- 4- TUMBLER SOCKET OF 5/15 AMPS. WILL BE OF SSK / KINJAL MAKE.
- 5- ALL BRASS HOLDERS WILL BE OF SSK MAKE.
- 6- CONDENSER WILL BE OF ISI MARK.
- 7- TUBE/STARTER HOLDER WILL BE OF BAJAJ/CROMPTON/PHILLPS MAKE.
- 8- SPN & DP SWITCHES, DB & KIT KAT WILL BE OF ZETA/ SSK / HAVELLS MAKE.
- 9- ALL SWITCH FUSE UNIT SHALL BE L&T, SIEMENS, ABB MAKE.
- 10- MCB DISTRIBUTION BOARD SHALL BE OF MDS/ HAVELLS MAKE.
- 11- EXHAUST FAN/CEILING FAN SHALL BE OF CROMPTON/BAJAJ/ HAVELLS/KHAITAN/ORIENT/USHA MAKE.
- 12- CABLE OF ICC, CCI, GLOSTER, PREMIER, GRANDLEY, KALINGA & EMPIRE MAKE WITH THE PRIOR APPROVAL OF ENGINEER IN CHARGE.
- 13- COPPER WIRE WILL BE OF FINOLEX, GRANDLEY, EMPIRE MAKE.
- 14- COPPER CHOKE WILL BE OF CROMPTON, PHILIPS, BAJAJ /GEC MAKE.
- 15- 20/40 WATT TUBE WILL BE OF BAJAJ, PHILIPS, CROMPTON MAKE.
- 16- 20/40 WATT STARTER WILL BE OF ISI MARK.
- 17- COPPER LUGS WILL BE OF DOWELL'S MAKE OR EQUIVALENT.
- 18- MCB SPN/TPN & ISOLATOR OF MDS/ HEVELL'S MAKE.
- 19- SINGLE PHASE AND THREE PHASE LCD ELECTRONIC METER SHOULD BE L&T/SECURE METER MAKE.
- 20- GEYSER SHALL BE OF CROMPTON/BAJAJ/ HAVELLS/USHA/RACOLD MAKE.
- 21- ELECTRONIC FAN REGULATOR/DIMMER WILL BE OF ANCHOR/SSK MAKE.
- 22- THERMOPLASTIC STREET LIGHT POLE DB SHALL BE OF HANSEL/SINTEX MAKE.
- 23- LED LIGHT FITTING WILL BE OF CROMPTON, PHILIPS, BAJAJ /SYSKA MAKE.

Note: All the material shall be got approved by Engineer Incharge prior to purchase / use at site.

UNPRICED-PRICE BID

(Not to be filled. However, this is to be signed and submitted with Techno-commercial Bid)

Name of Work: Maintenance Activities, Preventive Maintenance & Improvement of Power Supply (HT) in BHEL T/ship.

NIT value: Rs. 18,24,516 (GST Extra as applicable)

Period of Completion: 12 Months

Date of Opening of Techno-commercial Bid (PART-1): 01.10.2021

EMD value: Rs. 14,408/-

BILL OF QUANTITY

S.No	Description	Qty.	Unit.	Rate	Amount
	<u>SCHEDULE ITEMS :</u>				
1.	Supply, installation of "U" clamps of suitable size for 3"x3" 1/2' porcelain LT insulators. The "U" clamps is to be made of M.S. flat 2"x1/4" and to be installed on pole with proper size M.S. nuts and bolts and painted first with red oxide and then with aluminium paint properly as per instruction of Engineer-in-charge. (S.I.No.5/20)				
		100	NOS	50/-	
2.	Supply & fixing of M.S. clamps suitable for PCC/ Tubular poles of 2"x1/4" MS flat duly painted with red oxide and aluminium paint properly with suitable size nuts, bolts & washers etc. as per site requirement. (S.I.No.2/17)				
		140	NOS.	70/-	
3.	Transportation, stringing, sagging, binding and commissioning of aluminium conductor which includes replacing the existing line, opening of binding, guards, cable connection etc. and reconnection of cable, re-fixing of guards, fixing and shifting of clamps etc. and return the removed conductor to departmental store in good condition, complete the work as per instruction of Engineer-in-charge. (Conductor will be supplied by department free of cost, if required.) (S.I.No.2/10)				
		1750	kg	14/-	
4.	Supply, transportation, stringing and sagging of 7/14 SWG G.I. earth wire which includes replacing for existing old G.I. earth wire. It also includes dismantling of guards and re-fixing and returns the removed material to departmental store in good condition and completes the work as per instruction of Engineer-In charge. (S.I.No.2/11)				
		1150	Kg	50/-	
5.	Transportation, erection of PCC/Tubular/ Rail pole including digging of pit, concreting the base of pit 1' x 1' x 6" and concreting around the pole 1' x 1' up to top of pit with cement concrete mixer 1:2:4 and back filling the earth and making 1' high plinth around the steel pole above ground. (S.I.No.2/4)				
		24	Nos.	450/-	
6.	Supply, transportation, fixing and commissioning of 11 KV TPMO 200 amps. On double pole structure complete with jumpers, bindings, G.I. nuts & bolts washers and brass coated copper lugs etc. It will be fixed on M.S. channels by drilling a suitable size hole. The TPMO with channels, clamps, cleats is to be supplied s per relevant BSS/ ISS and should be painted with one coat of red oxide and one coat of aluminium paint properly as per instruction of Engineer-in-charge. (The TPMO should be 6 insulator types with knife type tinned copper blades. The male contact should be of copper minimum 4" length and female contact should be of copper.) (S.I.No.5/37)				
		10	Set.	5600/-	
7.	Dismantling of PCC/Rail pole/Tubular Pole 36'/42' long from site and return to department store and back filling the earth in pits properly. Dismantled material should be in good condition. Contractor is responsible for any damage/ injury to material/men. (S.I.No.2/6)				
		22	NOS	400/-	
8.	Supply, fixing & connecting of crimping type copper lugs. It includes providing of proper insulating tape, small piece of copper wire, if required at site complete in all respect as per instruction of Engineer-in-charge. (S.I.No.2/19)				
	iii) Bottle type lugs 25/35 mm ²				
		510	NOS.	30/-	

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9.	Supply, fixing & connecting of crimping type copper lugs. It includes providing of proper insulating tape, small piece of copper wire, if required at site complete in all respect as per instruction of Engineer-in-charge. (S.I.No.2/19)				
	v) Flat head/tubular type lugs 120/150 mm2				
		400	NOS.	60/-	
10	Supply, fixing & connecting of crimping type copper lugs. It includes providing of proper insulating tape, small piece of copper wire, if required at site complete in all respect as per instruction of Engineer-in-charge. (S.I.No.2/19)				
	vi) flat head type lugs 70 mm2				
		200	NOS.	60/-	
11.	Supply, transportation, fixing and commissioning of 11 KV dropouts fuse set comprising of 3 nos. fuses and insulators. The fuse set should be start on channels on double pole structure with G.I. nuts and bolts the D.O. fuse with channel clamps and cleats is to be supplied as per relevant BSS/ISS and should be painted with one coat of red oxide and one coat of aluminium paint properly. (S.I.No, 5/18)				
		30	NOS.	2000/-	
12.	Supply, fixing and commissioning of male and female contact (Blades and jaws) of knife edge type blades of 11 KV isolator (3 Nos.) of tinned copper (The male contact should be of copper minimum 4" length and female contact should be of copper) complete with brass coated copper lugs. G.I. nut & bolts, washer and screw etc. as per instruction of Engineer-in-charge.(S. I. No. 5/17)				
		33	NOS.	1200/-	
13.	Supply, installation & fixing of TPMS locking device including fabrication & fixing of MS strip for locking, chain for supporting the strip & GI TPMS lock etc. Complete in all respect as per instruction of Engineer I/C. (S.I.No.2/16)				
		57	NOS.	200/-	
14.	Supply & drawing of 1100 volt grade PVC insulated, single core, standard copper conductor cables for sub mains in the GI/M.S./PVC conduit pipes already existing at site. This work includes clearing of blockage/obstruction, cleaning of pipes, drawing, termination, testing and commissioning of cables of the following sizes. (factory item no. 52 – C)				
	(c) PVC insulated 16 sq mm S/Core cable				
		1000	Rmt	60.39/-	
15.	Supply, fixing & erection of M.S. channels 4"x2"x1/4" and 6 1/2' long cross arms to be fixed on rail / tubular poles with M.S. clamps made of 2"x1/4" size M.S. flat with proper size G.I. nuts, bolts and washers etc. including painting with one coat of red oxide and one coat of aluminium paint properly. (S.I.No.5/31)				
		55	Nos	550/-	
16.	Cleaning & painting of M.S. rail/tubular pole with one coat of aluminium paint. It also includes to paint the cross arms and other metallised items installed at pole. This also includes 10" wide colored strips with black & white enamel paint of standard quality upto 1.5 mtr. Height around the pole & to complete the work to the entire satisfaction of Engineer-in-Charge.(S.I.No.2/14)				
		500	Nos	120/-	
17.	Providing Earth Installation(GI PIPE EARTHING) as per IS: 732:1963 with 7/14 SWG GI wire as continuous earth lead & connect the transformer & distribution board etc. The earth lead is to be drawn in 1/2" GI pipe from earth chamber to pucca floor ,complete in all respect as per instruction of engineer-in-charge.				
		20	NOS	1200/-	
WORKED OUT ITEMS:					

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1.	Supply & Replacing of 200/250 amps. HRC fuse of SEIMENS/GE make as per site requirement.				
		200	NOS	680.968/-	
2.	Supply, fixing, connection and commissioning of 70 amp 3 PHASE POWER CONTACTOR. Power Contactor should be rated for 70AMP,415AC, AUXILLIARY CONTACT 2NO+2NC, COIL VOLTAGE 230VAC, 50HZ and confirm IS:13947-4-1 & IEC:60947-4-1 Above work includes disconnecting, removing existing power contactor if required and fixing, connecting and commissioning of supplied power contactor. Work should be complete in all respect as per instruction of engineer in charge.				
		07	NOS	3629.336/-	
3.	Supply, fixing, connecting, & commissioning of HRC fuse 400AMP, 415VAC, 50HZ, suitable for switch fuse unit Conform to IEC 60269-2, IS 13703 part 2. Above work includes disconnecting, removing existing HRC fuse link from panel if required and fixing, connecting and commissioning of supplied HRC Fuse link in panel. Work should be complete in all respect as per instruction of engineer in charge.				
		220	Nos.	608.52/-	
4.	Supply, fixing, connecting, & commissioning of HRC fuse 125AMP, 415VAC, 50HZ, suitable for switch fuse unit Conform to IEC 60269-2, IS 13703 part 2. Above work includes disconnecting, removing existing HRC fuse link from panel if required and fixing, connecting and commissioning of supplied HRC Fuse link in panel. Work should be complete in all respect as per instruction of engineer in charge.				
		90	Nos	282.04/-	
5.	Supply, fixing, grouting, connecting, earthing & commissioning of SWITCH FUSE UNIT in sheet steel enclosure 125AMP, 415VAC, 50HZ, TPN, suitable & supplied with DIN FUSELINK with door interlock and padlock facility conforming to IEC:60947-3. It also include supply & fixing of M.S. Clamps, frame of suitable size made of M.S. flat 2" x 1/4" for fixing the combination fuse switch unit on structure duly painted with one coat of red oxide and one coat of aluminium paint. Above work includes disconnecting, removing existing system if required and fixing, connecting and commissioning of supplied Fuse Unit. Work should be complete in all respect as per instruction of engineer in charge.				
		15	Nos	4397.464/-	
6.	Supply, fixing & connecting of crimping type Heavy Duty copper lugs with inspection hole and barrel ends are champhered for easy entry. It includes providing of proper insulating tape, small piece of copper wire, if required at site. Above work includes disconnecting, removing existing lug from cable if required and fixing, connecting, crimping and commissioning of supplied lug on cable. Work should be complete in all respect as per instruction of engineer in charge.				
	A. Flat head/tubular type lugs 185 mm2				
		195	NOS.	98.848/-	
7.	Supply, fixing & connecting of crimping type Heavy Duty copper lugs with inspection hole and barrel ends are champhered for easy entry. It includes providing of proper insulating tape, small piece of copper wire, if required at site. Above work includes disconnecting, removing existing lug from cable if required and fixing, connecting, crimping and commissioning of supplied lug on cable. Work should be complete in all respect as per instruction of engineer in charge.				
	B. Flat head/tubular type lugs 240 mm2				
		35	NOS.	132.408/-	
8.	Supply, fixing & connecting of crimping type Heavy Duty copper lugs with inspection hole and barrel ends are champhered for easy entry. It includes providing of proper insulating tape, small piece of copper wire, if required at site. Above work includes disconnecting, removing existing lug from cable if required and fixing, connecting, crimping and commissioning of supplied lug on cable. Work should be complete in all respect as per instruction of engineer in charge.				
	C. Flat head/tubular type lugs 630 mm2				
		54	NOS.	250.296/-	
9.	Supply, fixing, connecting, earthing & commissioning of MCB ISOLATOR 4 POLE,100 AMP, 415 V AC 50HZ, IS: 13947 Above work includes disconnecting, removing existing Isolator from DB if required and fixing, connecting and commissioning of supplied Isolator in DB. Work should be complete in all respect as per instruction of engineer in charge.				

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		15	NOS.	500.6/-	
10	Preventive Maintenance of four pole structure of Power Supply HT Township which includes checking of TPMO,D.O fuse set & all other accessories, checking of Insulators, tightening of all type of jumpers, making lubrication on TPMO Jaw & blades contacts , operation of TPMO, replacement of burnt & damaged windings etc.This work completed within satisfaction of engineer in charge.				
		32	NOS.	1718/-	
11.	Preventive Maintenance of double pole structure of Power Supply HT Township which includes checking of TPMO,D.O fuse set & all other accessories, checking of Insulators, tightening of all type of jumpers, making lubrication on TPMO Jaw & blades contacts , operation of TPMO, replacement of burnt & damaged windings etc.This work completed within satisfaction of engineer in charge.				
		100	Nos	1158/-	
12..	Preventive Maintenance of 11/0.44 k.V Transformer of Power Supply HT which includes checking of level of transformer oil & make top-up of it if necessary, checking of all loose connection of transformer if any, Checking of BDV of transformer, cleaning of transformer, checking of Breather & replacement of Silica Gel etc.This work completed within satisfaction of engineer in charge.(Transformer oil will be provided by department free of cost if necessary)				
		68	Nos	1173/-	
13.	Preventive Maintenance of L.T Air circuit Breaker (ACB) & Oil circuit Breaker(OCB) of Power Supply Township which includes checking of level of Oil of oil circuit breaker & make top-up of it if necessary, also check all the terminals of circuit breaker, oiling of Moving part of Air Circuit Breaker, Checking for operation of ACB & OCB, Checking of Voltage & Current meter etc.This work completed within satisfaction of engineer in charge. (Insulation Oil will be provided by department free of cost if necessary)				
		68	NOS.	603/-	
14.	Preventive Maintenance of L.T D.B of Power Supply Township which includes checking of all the loose connection of L.T D.B, tapping of cable connections if required & alteration of various size of L.T cables, replacement if required, Checking for operation, Checking of Voltage & Current meter etc etc.This work completed within satisfaction of engineer in charge.				
		68	NOS.	605/-	
15.	Maintenance of four pole & double pole structure of HT Supply Township in case of Breakdown.Its includes checking of Burnt part, reconnecting of broken jumpers after electrical breakdown, checking & insulation testing of Insulators, overhead lines, HT cables, jaw contacts and recommendation in case of breakdown/puncture etc.This work completed within satisfaction of engineer in charge. Insulation tester shall be provided by Department.				
		150	NOS.	1180/-	
16.	Maintenance of L.T Air circuit Breaker & oil circuit Breaker & L.T D.B of Power Supply Township in case of Breakdown.which includes tightening of all the loose connection of L.T D.B & circuit breaker after breakdown, it also included any type of maintenance activity arises due to breakdown in L.T D.B & A.C.B & O.C.B.This work completed within satisfaction of engineer in charge.				
		45	NOS.	1224/-	
17.	Maintenance of Overhead line of Power Supply HT in case of breakdown. Its includes checking & insulation testing of Faulty line, checking of all related jumpers and replacement in case of losing/brunt jumper, Recommendation of Insulator replacement, sagging of Cable if required etc. This work completed within satisfaction of engineer in charge. Insulation tester shall be provided by Department.				
		180	NOS.	861/-	

OBLIGATIONS ENCLOSED WITH THIS TENDER DOCUMENT AND AGREE TO ABIDE BY THESE.

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FOR SCHEDULE ITEMS:

I / WE HEREBY TENDER @ **XXXXXX %** (IN WORDS **XXXXXX PERCENTAGE**) ABOVE / AT PAR / BELOW THE RATES GIVEN IN THE BILL OF QUANTITY.

FOR WORKED OUT ITEMS:

I / WE HEREBY TENDER @ **XXXXX %** (IN WORDS **XXXXXXXX PERCENTAGE**) ABOVE / AT PAR / BELOW THE RATES GIVEN IN THE BILL OF QUANTITY.

1. RATES SHOULD BE QUOTED IN FIGURES AS WELL AS IN WORDS. IN CASE OF CUTTING AND OVER WRITING IN RATES, TENDER WILL BE DECLARED AS INVALID. RATES NOT QUOTED IN THE MANNER AS MENTIONED ABOVE WILL BE REJECTED
2. IN THE CASE RATE QUOTED IN WORDS AND FIGURES IS DIFFERENT; THE RATE QUOTED IN WORDS WILL BE TAKEN AS A QUOTED RATE.
3. IN CASE SCHEDULED ITEMS & WORK OUT ITEMS ARE INCLUDED IN BOQ .L1 BIDDER WILL BE JUDGED ON CUMMULATIVE QUOTED VALUE FOR ALL ITEMS (SCHEDULE & WORK OUT ITEMS) OF THE WORK.

NOTE- (Not to be filled. However, this is to be signed and submitted with Techno-commercial Bid)

Check List for Tenderer

S. No.	Details of Criteria	Yes/No
1	EMD	
2	Ink Signed & stamped on each page of Techno-commercial bid	
3	Ink Signed & Stamped on each page of supporting Document	

Annexure-X

Certificate by Chartered Accountant on letter head
(only for those who are submitting EM-II Certificate)

This to certify that M/S
(hereinafter referred to as a company') having its registered office at
..... is registered under MSMED Act 2006, (Entrepreneur
Memorandum No (Part-11)
dtd:....., Category:..... (Micro/Small)). (Copy enclosed).

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

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

(Strike off whichever is not applicable)

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

Or

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

Date:

(Signature)

Name-

Membership number-

Seal of Chartered Accountant

UNDERTAKING:-

The contractor shall sign the undertaking as below :-

1. I/We have carefully perused all the terms and conditions of the tender, NIT including special conditions mentioned in the tender before quoting the offer and I/we commit to abide by them in to. I/ we have read BHEL General Conditions of Contract and agree to abide by the same.
2. I/We shall abide by and fulfill the requirement of all the statutory obligations in respect of EPF, ESI, labour license, electrical license and all other provisions of labour laws applicable to me/us and maintain muster roll, payment register and all other registers/ records as applicable and produce the same to BHEL officials or statutory authorities whenever desired.
3. I/ We shall abide by the GST Act/ Rules/regime as applicable.
4. I/ we shall decide the number of employees to be deployed for execution of the work and give instruction to my/ our employees. BHEL will have nothing to do or be concerned with the employment of my/ our employees.
5. I/ we shall provide employment card / identity with photograph duly verified and attested by me/ us to my/ our employees.
6. I/ we shall ensure payment of ESI contribution under ESI Act, 1948 and provide ESI membership card to each of my/ our employees.
7. I/We shall pay minimum wages as applicable from time to time including leave with wages to my/ our workers as per rules /act.
8. In case of non-compliance of any of the statutory obligations, labour laws by me/us, I/we shall be responsible for all expenses/ liability occurring /accruing on BHEL because of this including all expenditure on legal proceedings. All such expenses shall be recoverable from any of my/ our running contract with BHEL or any contract entered thereafter.
9. I/ we shall maintain valid labour license throughout the period of contract.

Acceptance/ No Deviation Certificate

Notwithstanding anything mentioned in our bid, we hereby accept all terms and conditions of the above tender.
Or we hereby accept all terms and conditions of the above tender except the following: (Give reference to Clause Nos. of Terms & Conditions which is not acceptable)

- 1.
- 2.

Note: Any deviation specified elsewhere in the tender shall not be considered. Deviations may or may not be accepted by BHEL.

PRICE BID

Name of Work: Maintenance Activities, Preventive Maintenance & Improvement of Power Supply (HT) in BHEL T/ship.

NIT value: Rs. 18,24,516 (GST Extra as applicable)

Period of Completion: 12 Months

Date of Opening of Techno-commercial Bid (PART-1): 01.10.2021

EMD value: Rs. 14,408/-

BILL OF QUANTITY

S.No	Description	Qty.	Unit.	Rate	Amount
	<u>SCHEDULE ITEMS :</u>				
1.	Supply, installation of "U" clamps of suitable size for 3"x3" 1/2' porcelain LT insulators. The "U" clamps is to be made of M.S. flat 2"x1/4" and to be installed on pole with proper size M.S. nuts and bolts and painted first with red oxide and then with aluminium paint properly as per instruction of Engineer-in-charge.(S.I.No.5/20)				
		100	NOS	50/-	
2.	Supply & fixing of M.S. clamps suitable for PCC/ Tubular poles of 2"x1/4" MS flat duly painted with red oxide and aluminium paint properly with suitable size nuts, bolts & washers etc. as per site requirement. (S.I.No.2/17)				
		140	NOS.	70/-	
3.	Transportation, stringing, sagging, binding and commissioning of aluminium conductor which includes replacing the existing line, opening of binding, guards, cable connection etc. and reconnection of cable, re-fixing of guards, fixing and shifting of clamps etc. and return the removed conductor to departmental store in good condition, complete the work as per instruction of Engineer-in-charge. (Conductor will be supplied by department free of cost, if required.) (S.I.No.2/10)				
		1750	kg	14/-	
4.	Supply, transportation, stringing and sagging of 7/14 SWG G.I. earth wire which includes replacing for existing old G.I. earth wire. It also includes dismantling of guards and re-fixing and returns the removed material to departmental store in good condition and completes the work as per instruction of Engineer-In charge. .(S.I.No.2/11)				
		1150	Kg	50/-	
5.	Transportation, erection of PCC/Tubular/ Rail pole including digging of pit, concreting the base of pit 1 x 1" x 6" and concreting around the pole 1" x 1" up to top of pit with cement concrete mixer 1:2:4 and back filling the earth and making 1' high plinth around the steel pole above ground. (S.I.No.2/4)				
		24	Nos.	450/-	
6.	Supply, transportation, fixing and commissioning of 11 KV TPMO 200 amps. On double pole structure complete with jumpers, bindings, G.I. nuts & bolts washers and brass coated copper lugs etc. It will be fixed on M.S. channels by drilling a suitable size hole. The TPMO with channels, clamps, cleats is to be supplied s per relevant BSS/ ISS and should be painted with one coat of red oxide and one coat of aluminium paint properly as per instruction of Engineer-in-charge. (The TPMO should be 6 insulator types with knife type tinned copper blades. The male contact should be of copper minimum 4" length and female contact should be of copper.) (S.I.No.5/37)				
		10	Set.	5600/-	
7.	Dismantling of PCC/Rail pole/Tubular Pole 36'/42' long from site and return to department store and back filling the earth in pits properly. Dismantled material should be in good condition. Contractor is responsible for any damage/ injury to material/men. (S.I.No.2/6)				
		22	NOS	400/-	
8.	Supply, fixing & connecting of crimping type copper lugs. It includes providing of proper insulating tape, small piece of copper wire, if required at site complete in all respect as per instruction of Engineer-in-charge. (S.I.No.2/19)				
	iii) Bottle type lugs 25/35 mm2				
		510	NOS.	30/-	

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9.	Supply, fixing & connecting of crimping type copper lugs. It includes providing of proper insulating tape, small piece of copper wire, if required at site complete in all respect as per instruction of Engineer-in-charge. (S.I.No.2/19)				
	v) Flat head/tubular type lugs 120/150 mm ²				
		400	NOS.	60/-	
10	Supply, fixing & connecting of crimping type copper lugs. It includes providing of proper insulating tape, small piece of copper wire, if required at site complete in all respect as per instruction of Engineer-in-charge. (S.I.No.2/19)				
	vi) flat head type lugs 70 mm ²				
		200	NOS.	60/-	
11.	Supply, transportation, fixing and commissioning of 11 KV dropouts fuse set comprising of 3 nos. fuses and insulators. The fuse set should be start on channels on double pole structure with G.I. nuts and bolts the D.O. fuse with channel clamps and cleats is to be supplied as per relevant BSS/ISS and should be painted with one coat of red oxide and one coat of aluminium paint properly. (S.I.No, 5/18)				
		30	NOS.	2000/-	
12.	Supply, fixing and commissioning of male and female contact (Blades and jaws) of knife edge type blades of 11 KV isolator (3 Nos.) of tinned copper (The male contact should be of copper minimum 4" length and female contact should be of copper) complete with brass coated copper lugs. G.I. nut & bolts, washer and screw etc. as per instruction of Engineer-in-charge.(S. I. No. 5/17)				
		33	NOS.	1200/-	
13.	Supply, installation & fixing of TPMO locking device including fabrication & fixing of MS strip for locking, chain for supporting the strip & GI TPMO lock etc. Complete in all respect as per instruction of Engineer I/C. (S.I.No.2/16)				
		57	NOS.	200/-	
14.	Supply & drawing of 1100 volt grade PVC insulated, single core, standard copper conductor cables for sub mains in the GI/M.S./PVC conduit pipes already existing at site. This work includes clearing of blockage/obstruction, cleaning of pipes, drawing, termination, testing and commissioning of cables of the following sizes. (factory item no. 52 – C)				
	(c) PVC insulated 16 sq mm S/Core cable				
		1000	Rmt	60.39/-	
15.	Supply, fixing & erection of M.S. channels 4"x2"x1/4" and 6 ½' long cross arms to be fixed on rail / tubular poles with M.S. clamps made of 2"x1/4" size M.S. flat with proper size G.I. nuts, bolts and washers etc. including painting with one coat of red oxide and one coat of aluminium paint properly. (S.I.No.5/31)				
		55	Nos	550/-	
16.	Cleaning & painting of M.S. rail/tubular pole with one coat of aluminium paint. It also includes to paint the cross arms and other metallised items installed at pole. This also includes 10" wide colored strips with black & white enamel paint of standard quality upto 1.5 mtr. Height around the pole & to complete the work to the entire satisfaction of Engineer-in-Charge.(S.I.No.2/14)				
		500	Nos	120/-	
17.	Providing Earth Installation(GI PIPE EARTHING) as per IS: 732:1963 with 7/14 SWG GI wire as continuous earth lead & connect the transformer & distribution board etc. The earth lead is to be drawn in 1/2" GI pipe form earth chamber to pucca floor ,complete in all respect as per instruction of engineer-in-charge.				
		20	NOS	1200/-	
WORKED OUT ITEMS:					

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1.	Supply & Replacing of 200/250 amps. HRC fuse of SEIMENS/GE make as per site requirement.				
		200	NOS	680.968/-	
2.	Supply, fixing, connection and commissioning of 70 amp 3 PHASE POWER CONTACTOR. Power Contactor should be rated for 70AMP,415AC, AUXILLIARY CONTACT 2NO+2NC, COIL VOLTAGE 230VAC, 50HZ and confirm IS:13947-4-1 & IEC:60947-4-1 Above work includes disconnecting, removing existing power contactor if required and fixing, connecting and commissioning of supplied power contactor. Work should be complete in all respect as per instruction of engineer in charge.				
		07	NOS	3629.336/-	
3.	Supply, fixing, connecting, & commissioning of HRC fuse 400AMP, 415VAC, 50HZ, suitable for switch fuse unit Conform to IEC 60269-2, IS 13703 part 2. Above work includes disconnecting, removing existing HRC fuse link from panel if required and fixing, connecting and commissioning of supplied HRC Fuse link in panel. Work should be complete in all respect as per instruction of engineer in charge.				
		220	Nos.	608.52/-	
4.	Supply, fixing, connecting, & commissioning of HRC fuse 125AMP, 415VAC, 50HZ, suitable for switch fuse unit Conform to IEC 60269-2, IS 13703 part 2. Above work includes disconnecting, removing existing HRC fuse link from panel if required and fixing, connecting and commissioning of supplied HRC Fuse link in panel. Work should be complete in all respect as per instruction of engineer in charge.				
		90	Nos	282.04/-	
5.	Supply, fixing, grouting, connecting, earthing & commissioning of SWITCH FUSE UNIT in sheet steel enclosure 125AMP, 415VAC, 50HZ, TPN, suitable & supplied with DIN FUSELINK with door interlock and padlock facility conforming to IEC:60947-3. It also include supply & fixing of M.S. Clamps, frame of suitable size made of M.S. flat 2" x ¼" for fixing the combination fuse switch unit on structure duly painted with one coat of red oxide and one coat of aluminium paint. Above work includes disconnecting, removing existing system if required and fixing, connecting and commissioning of supplied Fuse Unit. Work should be complete in all respect as per instruction of engineer in charge.				
		15	Nos	4397.464/-	
6.	Supply, fixing & connecting of crimping type Heavy Duty copper lugs with inspection hole and barrel ends are champhered for easy entry. It includes providing of proper insulating tape, small piece of copper wire, if required at site. Above work includes disconnecting, removing existing lug from cable if required and fixing, connecting, crimping and commissioning of supplied lug on cable. Work should be complete in all respect as per instruction of engineer in charge.				
	A. Flat head/tubular type lugs 185 mm2				
		195	NOS.	98.848/-	
7.	Supply, fixing & connecting of crimping type Heavy Duty copper lugs with inspection hole and barrel ends are champhered for easy entry. It includes providing of proper insulating tape, small piece of copper wire, if required at site. Above work includes disconnecting, removing existing lug from cable if required and fixing, connecting, crimping and commissioning of supplied lug on cable. Work should be complete in all respect as per instruction of engineer in charge.				
	B. Flat head/tubular type lugs 240 mm2				
		35	NOS.	132.408/-	
8.	Supply, fixing & connecting of crimping type Heavy Duty copper lugs with inspection hole and barrel ends are champhered for easy entry. It includes providing of proper insulating tape, small piece of copper wire, if required at site. Above work includes disconnecting, removing existing lug from cable if required and fixing, connecting, crimping and commissioning of supplied lug on cable. Work should be complete in all respect as per instruction of engineer in charge.				
	C. Flat head/tubular type lugs 630 mm2				
		54	NOS.	250.296/-	
9.	Supply, fixing, connecting, earthing & commissioning of MCB ISOLATOR 4 POLE,100 AMP, 415 V AC 50HZ, IS: 13947 Above work includes disconnecting, removing existing Isolator from DB if required and fixing, connecting and commissioning of supplied Isolator in DB. Work should be complete in all respect as per instruction of engineer in charge.				

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		15	NOS.	500.6/-	
10	Preventive Maintenance of four pole structure of Power Supply HT Township which includes checking of TPMO,D.O fuse set & all other accessories, checking of Insulators, tightening of all type of jumpers, making lubrication on TPMO Jaw & blades contacts , operation of TPMO, replacement of burnt & damaged windings etc.This work completed within satisfaction of engineer in charge.				
		32	NOS.	1718/-	
11.	Preventive Maintenance of double pole structure of Power Supply HT Township which includes checking of TPMO,D.O fuse set & all other accessories, checking of Insulators, tightening of all type of jumpers, making lubrication on TPMO Jaw & blades contacts , operation of TPMO, replacement of burnt & damaged windings etc.This work completed within satisfaction of engineer in charge.				
		100	Nos	1158/-	
12..	Preventive Maintenance of 11/0.44 k.V Transformer of Power Supply HT which includes checking of level of transformer oil & make top-up of it if necessary, checking of all loose connection of transformer if any, Checking of BDV of transformer, cleaning of transformer, checking of Breather & replacement of Silica Gel etc.This work completed within satisfaction of engineer in charge.(Transformer oil will be provided by department free of cost if necessary)				
		68	Nos	1173/-	
13.	Preventive Maintenance of L.T Air circuit Breaker (ACB) & Oil circuit Breaker(OCB) of Power Supply Township which includes checking of level of Oil of oil circuit breaker & make top-up of it if necessary, also check all the terminals of circuit breaker, oiling of Moving part of Air Circuit Breaker, Checking for operation of ACB & OCB, Checking of Voltage & Current meter etc.This work completed within satisfaction of engineer in charge. (Insulation Oil will be provided by department free of cost if necessary)				
		68	NOS.	603/-	
14.	Preventive Maintenance of L.T D.B of Power Supply Township which includes checking of all the loose connection of L.T D.B, tapping of cable connections if required & alteration of various size of L.T cables, replacement if required, Checking for operation, Checking of Voltage & Current meter etc etc.This work completed within satisfaction of engineer in charge.				
		68	NOS.	605/-	
15.	Maintenance of four pole & double pole structure of HT Supply Township in case of Breakdown.Its includes checking of Burnt part, reconnecting of broken jumpers after electrical breakdown, checking & insulation testing of Insulators, overhead lines, HT cables, jaw contacts and recommendation in case of breakdown/puncture etc.This work completed within satisfaction of engineer in charge. Insulation tester shall be provided by Department.				
		150	NOS.	1180/-	
16.	Maintenance of L.T Air circuit Breaker & oil circuit Breaker & L.T D.B of Power Supply Township in case of Breakdown.which includes tightening of all the loose connection of L.T D.B & circuit breaker after breakdown, it also included any type of maintenance activity arises due to breakdown in L.T D.B & A.C.B & O.C.B.This work completed within satisfaction of engineer in charge.				
		45	NOS.	1224/-	
17.	Maintenance of Overhead line of Power Supply HT in case of breakdown. Its includes checking & insulation testing of Faulty line, checking of all related jumpers and replacement in case of losing/brunt jumper, Recommendation of Insulator replacement, sagging of Cable if required etc. This work completed within satisfaction of engineer in charge. Insulation tester shall be provided by Department.				
		180	NOS.	861/-	

OBLIGATIONS ENCLOSED WITH THIS TENDER DOCUMENT AND AGREE TO ABIDE BY THESE.

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FOR SCHEDULE ITEMS:

I / WE HEREBY TENDER @ _____% (IN WORDS _____ PERCENTAGE) ABOVE
/ AT PAR / BELOW THE RATES GIVEN IN THE BILL OF QUANTITY.

FOR WORKED OUT ITEMS:

I/WE HEREBY TENDER@ _____% (IN WORDS _____ PERCENTAGE)

ABOVE / AT PAR / BELOW THE RATES FOR ALL THE ITEMS GIVEN IN THE BILL OF QUANTITY)

1. RATES SHOULD BE QUOTED IN FIGURES AS WELL AS IN WORDS. IN CASE OF CUTTING AND OVER WRITING IN RATES, TENDER WILL BE DECLARED AS INVALID. RATES NOT QUOTED IN THE MANNER AS MENTIONED ABOVE WILL BE REJECTED
2. IN THE CASE RATE QUOTED IN WORDS AND FIGURES IS DIFFERENT; THE RATE QUOTED IN WORDS WILL BE TAKEN AS A QUOTED RATE.
3. IN CASE SCHEDULED ITEMS & WORK OUT ITEMS ARE INCLUDED IN BOQ. L1 BIDDER WILL BE JUDGED ON CUMMULATIVE QUOTED VALUE FOR ALL ITEMS (SCHEDULE & WORK OUT ITEMS) OF THE WORK.