

ANNEXURE - II-COST OF WITHDRAWAL
SCHEDULE OF TECHNICAL AND COMMERCIAL DEVIATION
PROJECT:- 2 X 800 MW DVC Koderma TPS Phase-II
PACKAGE:-LT SWITCHGEAR
Enquiry No. 77/26/6145/MOH Dtd.11.09.2026

NAME OF VENDOR:-

SL NO	VOULME/ SECTION	PAGE NO.	CLAUSE NO.	TECHNICAL SPECIFICATION/ TENDER DOCUMENT	COMPLETE DESCRIPTION OF DEVIATION	COST OF WITHDRAWL OF DEVIATION	REFERENCE OF PRICE SCHEDULE ON WHICH COST OF WITHDRAWL OF DEVIATION IS APPLICABLE	NATURE OF COST OF WITHDRAWL OF DEVIATION (POSITIVE/ NEGATIVE)	REASON FOR QUOTING DEVIATION
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TECHNICAL DEVIATIONS

COMMERCIAL DEVIATIONS

PARTICULARS OF BIDDERS/ AUTHORISED REPRESENTATIVE

NAME	DESIGNATIONS	SIGN & DATE	

NOTES:

1. Cost of withdrawl of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only.
2. All the bidders have to list out all their Technical & Commercial Deviations (if any) in detail in the above format.
3. Any deviation not mentioned above and shown separately or found hidden in offer, will not be taken cognizance of.
4. Bidder shall submit duly filled unpriced copy of above format indicating "quoted" in "cost of withdrawl of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable. In the absence of same, such deviation(s) shall not be considered and offer shall be considered in total compliance to NIT.
5. Bidder shall furnish price copy of above format along with price bid.
6. The final decision of acceptance/ rejection of the deviations quoted by the bidder shall be at discretion of the Purchaser.
7. Bidders to note that any deviation (technical/commercial) not listed in above and asked after Part-I opening shall not be considered.
8. For deviations w.r.t. Credit Period, Liquidated damages, Firm prices if a bidder chooses not to give any cost of withdrawl of deviation loading as per Annexure-VII, will apply. For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawl of deviation shall be taken as NIL.
9. Any deviation mentioned in priced copy of this format, but not mentioned in the un-priced copy, shall not be considered.
10. All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of this format.
11. Cost of withdrawl is to be given seperately for each deviation. In no event bidder should club cost of withdrawl of more than one deviation else cost of withdrawl of such deviations which have been clubbed together shall be considered as NIL.
12. In case nature of cost of withdrawl (positive/negative) is not specified it shall be assumed as positive.
13. In case of discrepancy in the nature of impact (positive/ negative), positive will be considered for evaluation and negative for ordering.

UNDERTAKING

(To be typed and submitted in the Letter Head of the Company/Firm of Supplier)

To

BHARAT HEAVY ELECTRICALS LTD.
POWER SECTOR - PROJECT ENGINEERING MANAGEMENT (PS- PEM)
3rd Floor, BHEL-SADAN,
PLOT NO. 25, SECTOR-16-A,
NOIDA-210-301 (U.P.)

Dear Sir/Madam,

Sub: DECLARATION REGARDING INSOLVENCY/ LIQUIDATION/ BANKRUPTCY PROCEEDINGS

Ref: Enquiry No. & date

I/We, _____ declare that,

I/We am/are not admitted under insolvency resolution process or liquidation under Insolvency and Bankruptcy Code, 2016, as amended from time to time or under any other law as on date, by NCLT or any adjudicating authority/authorities.

**Sign. of the AUTHORISED SIGNATORY
(With Name, Designation and Company seal)**

Place:

Date:

DECLARATION BY AUTHORISED SIGNATORY OF SUPPLIER

(To be typed and submitted in the Letter Head of the Company/Firm of Supplier)

To

BHARAT HEAVY ELECTRICALS LTD.
POWER SECTOR - PROJECT ENGINEERING MANAGEMENT (PS- PEM)
3rd Floor, BHEL-SADAN,
PLOT NO. 25, SECTOR-16-A,
NOIDA-210-301 (U.P.)

Dear Sir,

Sub: **DECLARATION BY AUTHORISED SIGNATORY REGARDING AUTHENTICITY OF SUBMITTED DOCUMENTS**

Ref : 1) Enquiry No. & date

2) All other pertinent issues till date

I/We, hereby certify that all the documents submitted by us in support of possession of "Qualifying Requirements" are true copies of the original and are fully compliant required for qualifying / applying in the bid and shall produce the original of same as and when required by Bharat Heavy Electricals Limited.

I / We hereby further confirm that no tampering is done with documents submitted in support of our qualification as Supplier. I / We understand that at any stage (during bidding process or while executing the awarded contract) if it is found that fake / false / forged bid qualifying / supporting documents / certificates were submitted, it would lead to summarily rejection of our bid / termination of contract. BUYER shall be at liberty to initiate other appropriate actions as per the terms of the Bid / Contract and other extant policies of Bharat Heavy Electricals Limited.

Yours faithfully,

**(Signature, Date & Seal of Authorized
Signatory of the Supplier)**

Date:

NON-DISCLOSURE CERTIFICATE

(To be Typed & submitted in the Letter Head of the Company/Firm of Supplier)

I/We understand that BHEL <PS- PEM> is committed to Information Security Management System as per their Information Security Policy.

Hence, I/We M/s

who are submitting offer for providing services to BHEL <PS- PEM> against GeM Bid No..... hereby undertake to comply with the following in line with Information Security Policy of <PS- PEM>.

- To maintain confidentiality of documents & information which shall be used during the execution of the Contract.
- The documents & information shall not be revealed to or shared with third party which shall not be in the business interest of BHEL <PS- PEM>.

**(Signature, Date & Seal of Authorized
Signatory of the Supplier)**

Date:

INTEGRITY PACT

Between

Bharat Heavy Electricals Ltd. (BHEL), a company registered under the Companies Act 1956 and having its registered office at "BHEL House", Siri Fort, New Delhi - 110049 (India) hereinafter referred to as "The Principal", which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART

and

_____, (description of the party along with address), hereinafter referred to as "The Bidder/ Contractor" which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART

Preamble

The Principal intends to award, under laid-down organizational procedures, contract(s) for _____

(hereinafter referred to as "Contract"). The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal will appoint panel of Independent External Monitor(s) (IEMs), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1- Commitments of the Principal

- 1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles: -
 - 1.1.1 No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - 1.1.2 The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/ additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - 1.1.3 The Principal will exclude from the process all known prejudiced persons.
- 1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder(s)/ Contractor(s)

- 2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. The Bidder(s)/ Contractor(s) commits himself to observe the following principles during participation in the tender process and during the contract execution.
 - 2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he/ she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
 - 2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. 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.
 - 2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant Indian Penal Code (IPC) and Prevention of Corruption Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - 2.1.4 Foreign Bidder(s)/ Contractor(s) shall disclose the name and address of agents and representatives in India and Indian Bidder(s)/ Contractor(s) to disclose their foreign principals or associates. The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- 2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 2.3 The Bidder(s)/ Contractor(s) shall not approach the Courts while representing the matters to IEMs and shall await their decision in the matter.

Section 3 - Disqualification from tender process and exclusion from future contracts

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s) from the tender process, terminate the contract, if already awarded, exclude from future business dealings and/ or take action as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors", framed by the Principal.

Section 4 - Compensation for Damages

- 4.1 If the Principal has disqualified the Bidder (s) from the tender process before award/ order acceptance according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.
- 4.2 If the Principal is entitled to terminate the Contract according to Section 3, or terminates the Contract in application of Section 3 above , the Bidder(s)/ Contractor (s) transgression through a violation of Section 2 above shall be construed breach of contract and the Principal shall be entitled to demand and recover from the Contractor an amount equal to

5% of the contract value or the amount equivalent to Security Deposit/ Performance Bank Guarantee, whichever is higher, as damages, in addition to and without prejudice to its right to demand and recover compensation for any other loss or damages specified elsewhere in the contract.

Section 5 - Previous Transgression

- 5.1 The Bidder declares that no previous transgressions occurred in the last 3 (three) years (to be reckoned from date of bid submission) with any other company in any country conforming to the anti-corruption approach in India that could justify his exclusion from the tender process. The date of such transgression, for the purpose of disclosure by the bidders in this regard, would be the date on which cognizance of the said transgression was taken by the competent authority. The transgression(s), for which cognizance was taken even before the said period of three years, but are pending conclusion, shall also be reported by the bidders.
- 5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason or action can be taken as per the separate "Guidelines on Suspension of Business dealings with Suppliers/ Contractors", framed by the Principal.

Section 6 - Equal treatment of all Bidder (s)/ Contractor (s) / Sub-contractor (s)

- 6.1 The Principal will enter into Integrity Pacts with identical conditions as this Integrity Pact with all Bidders and Contractors.
- 6.2 In case of a joint venture, all the partners of the joint venture should sign the Integrity Pact. In case of Sub-contracting, the Principal Contractor shall be solely responsible for the adherence to the provisions of IP by the sub-contractor(s).
- 6.3 The Principal will disqualify from the tender process all Bidders who do not sign this Integrity Pact or violate its provisions.

Section 7 - Criminal Charges against violating Bidders/ Contractors /Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 -Independent External Monitor(s)

- 8.1 The Principal appoints competent and credible panel of Independent External Monitor(s) (IEMs) for this Integrity Pact. The task of the IEMs is to review independently and objectively, whether and to what extent the parties comply with the obligations under this Integrity Pact on receipt of any complaint by them from the bidder(s).
- 8.2 The IEMs are not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.
- 8.3 The IEMs shall be provided access to all documents/ records pertaining to the Contract, for which a complaint or issue is raised before them as and when warranted. However, the documents/records/information having National Security implications and those documents which have been classified as /Top Secret are not to be disclosed.

- 8.4 The Principal will provide to the IEMs sufficient information about all meetings among the parties related to the Contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the IEMs the option to participate in such meetings.
- 8.5 The role of IEM is advisory and the advice of IEM is non-binding on the Organization. However, as IEMs are invariably persons with rich experience who have retired as senior functionaries of the government, their advice would help in proper implementation of the IP.
- 8.6 For ensuring the desired transparency and objectivity in dealing with the complaints arising out of the tendering process, the matter should be examined by the full panel of IEMs jointly, who would look into the records, conduct an examination, and submit their joint recommendations to the Management. In case the full panel is not available due to some unavoidable reasons, the available IEM(s) will conduct examination of the complaints. Consent of the IEM(s), who may not be available, shall be taken on record.
- 8.7 The IEMs shall examine all the representations/grievances/ complaints received by them from the bidders or their authorized representative related to any discrimination on account of lack of fair play in modes of procurement and bidding systems, tendering method, eligibility conditions, bid evaluation criteria, commercial terms & conditions, choice of technology/ specifications etc.
- 8.8 The CMD, BHEL shall decide the compensation to be paid to the IEMs and its terms and conditions.
- 8.9 IEMs should examine the process integrity, they are not expected to concern themselves with fixing of responsibility of officers. Complaints alleging mala fide on the part of any officer of the Principal should be looked into by the CVO of the Principal.
- 8.10 If the IEMs have reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant Indian Penal Code / Prevention of Corruption Act, and the CMD, BHEL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the IEMs may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
- 8.11 After award of work, the IEMs shall look into any issue relating to execution of Contract, if specifically raised before them. As an illustrative example, if a Contractor who has been awarded the Contract, during the execution of Contract, raises issue of delayed payment etc. before the IEMs, the same shall be examined by the panel of IEMs.
- 8.12 However, the IEMs may suggest systemic improvements to the management of the Principal, if considered necessary, to bring about transparency, equity and fairness in the system of procurement.
- 8.13 The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

- 9.1 This Integrity Pact shall be operative from the date this Integrity Pact is signed by both the parties. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.
- 9.2 If any claim is made/ lodged during currency of this Integrity Pact, the same shall be binding and continue to be valid despite the lapse of this Pact as specified above, unless it is discharged/ determined by the CMD, BHEL.

Section 10 - Other Provisions

- 10.1 This Integrity Pact is subject to Indian Laws and exclusive jurisdiction shall be of the competent Courts as indicated in the Tender or Contract, as the case may be.
- 10.2 Changes and supplements as well as termination notices need to be made in writing.
- 10.3 If the Bidder(s)/ Contractor(s) is a partnership or a consortium or a joint venture, this Integrity Pact shall be signed by all partners of the partnership or joint venture or all consortium members.
- 10.4 Should one or several provisions of this Integrity Pact turn out to be invalid, the remainder of this Integrity Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 10.5 Only those bidders / contractors who have entered into this Integrity Pact with the Principal would be competent to participate in the bidding. In other words, entering into this Integrity Pact would be a preliminary qualification.
- 10.6 In the event of any dispute between the Principal and Bidder(s)/ Contractor(s) relating to the Contract, in case, both the parties are agreeable, they may try to settle dispute through Mediation before the panel of IEMs in a time bound manner. If required, the Principal may adopt any mediation rules for this purpose. However, not more than five meetings shall be held for a particular dispute resolution. The fees/expenses on dispute resolution shall be equally shared by both the parties. In case, the dispute remains unresolved even after mediation by the panel of IEMs, either party may take further action as per the terms & conditions of the Contract.

For & On behalf of the Principal
(Office Seal)

Place _____

Date _____

Witness: _____
(Name & Address) _____

For & On behalf of the Bidder/ Contractor
(Office Seal)

Witness: _____
(Name & Address) _____

Digitally signed by MOHIT KUMAR
DN: c=IN, o=Bharat Heavy Electricals Limited,
ou=Department of Heavy Industry, postalCode=201301,
l=Gautam Buddha Nagar, st=Uttar Pradesh, street=BHARAT
HEAVY ELECTRICALS LIMITED, PLOT NO - 25, HRDI
BUILDING, CDT, 2ND FLOOR HALL SEC - 16A, NOIDA,
2.5.4.20=3c1b79d19ace42b37a0b6cbc90e5b2abb0ae18d
2a6ae4634d408a30eae97c22,
serialNumber=b1c76d45a7e08996c6b2eac2f1f0ed6c4f0f1
0d88670c8f8f19dccc1525122d, email=mohitgupta@bhel.in,
cn=MOHIT KUMAR

DECLARATION OF RELATED FIRMS AND THEIR AREA OF ACTIVITIES

Date: _____

To
BHARAT HEAVY ELECTRICALS LTD.
POWER SECTOR - PROJECT ENGINEERING MANAGEMENT (PS- PEM)
3rd Floor, BHEL-SADAN,
PLOT NO. 25, SECTOR-16-A,
NOIDA-210-301 (U.P.)

Dear Sir/ Madam,

Sub: **DETAILS OF RELATED FIRMS AND THEIR AREA OF ACTIVITIES**

Ref : 1) Enquiry No. & date

Please find below details of firms owned by our family members that are doing business/ registered for same item with BHEL, _____ (NA, if Not Applicable)

1	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	
2	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	

Note: I certify that the above information is true and I agree for penal action from BUYER in case any of the above information furnished is found to be false.

Regards,

(_____)

From: M/s _____

Supplier Code: _____

Address: _____

DECLARATION FOR RELATION IN BHEL

(To be typed and submitted in the Letter Head of the Company/Firm of Supplier failing which the offer of Supplier is liable to be summarily rejected)

To

BHARAT HEAVY ELECTRICALS LTD.
POWER SECTOR - PROJECT ENGINEERING MANAGEMENT (PS- PEM)
3rd Floor, BHEL-SADAN,
PLOT NO. 25, SECTOR-16-A,
NOIDA-210-301 (U.P.)

Dear Sir,

Sub: DECLARATION FOR RELATION IN BHEL

Ref: 1) Enquiry No. & date

I/We hereby submit the following information pertaining to relation/relatives of Proprietor/Partner(s)/ Director(s) employed in BHEL.

Tick (✓) any one as applicable:

1. The Proprietor, Partner(s), Director(s) of our Company/Firm DO NOT have any relation or relatives employed in BHEL.

OR

2. The Proprietor, Partner(s), or Director(s) of our Company/Firm HAVE relation/relatives employed in BHEL and their particulars are as below:

i.

ii.

**(Signature, Date & Seal of Authorized
Signatory of the Supplier)**

Note:

1. Attach separate sheet, if necessary.
2. If BHEL Management comes to know at a later date that the information furnished by the Supplier is false, BHEL reserves the right to take suitable against the Supplier.

MAKE IN INDIA

Subject: - CERTIFICATION REGARDING LOCAL CONTENT

Reference: Enquiry No. & date

Description of item(s):

We hereby certify that the quoted items offered by us against above Enquiry No. is having local content of% .

Further, to certify that the local content % certified above is in line with definition of Local content given in point no 2 of Public Procurement (Preference to Make in India), Order 2017 dated 19.07.2024 and we qualify as **Class –.....** (Class-I/ Class-II/Non-Local Supplier - as applicable) local supplier.

We further confirm that details of location at which the local value addition is made is at
..... (Supplier's / OEM's Manufacturing works)

Country of Origin from OEM:

(For items sold by Supplier as reseller, OEM certificate for Country of Origin to be submitted.)

We confirm the following for the current tender:

- (1) Repackaging/ Refurbishment/ Rebranding of imported products has not been considered for calculation of local content or Domestic Value Addition (DVA).

That the cost of imported items sourced locally from resellers/ distributors and cost of license/royalty paid/technical expertise cost etc. source from outside of India has been excluded from the local content, as mentioned in 2(d) of PPP-MII order Public Procurement (Preference to Make in India), Order 2017 dated 19.07.2024 issued by DPIIT.

- (2) For contracts involving supply of multiple items, weighted average of all items has been taken while calculating the local content.
- (3) We understand, for this procurement, the local content to categorize a supplier as a Class I local supplier/ Class II local Supplier/ Non-local supplier and purchase preference to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 19.07.2024 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT.
- (4) We understand that we have to give a self-certification regarding local content wherever the tender value is up to INR 10 crores. In case, the tender value is more than INR 10 Crores, we shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content. In both the cases, the certification has to be provided by us during bid submission.
- (5) We also understand, false declaration will be in breach of Code of Integrity under the rule 175(1)(i)(h) of the General finance rules for which the Supplier or its successors can be debarred for up to two years as per Rule 151(iii) of the General Finance Rules along with such other actions as may be permissible under the law.

- (6) That in case we are the successful Supplier and the contract value of the order awarded to us is more than INR 10 crores, we will provide local content certification duly certified by cost/ chartered accountant in practice during execution of the contract. That a penalty up to 10% of the contract value may be imposed on us during execution, in case we do not meet the stipulated local content during the execution of the contract. We are also aware that the contract awarded to us will not be terminated on this account.
- (7) We hereby declare that the details furnished above are true and correct to the best of our knowledge and belief and we undertake to inform you of any changes therein, immediately. In case any of the above information is found to be false or untrue or misleading or misrepresenting, we are aware that we may be held liable for it.

Thanking you,
Yours faithfully,

(Signature, Date & Seal of
Authorized Signatory of the Supplier)

Note: Suppliers to note that in case above certification given by a Supplier, whose bid is accepted, is found to be false, then this would be a ground for penal action and for taking further action in accordance with law and as per extant guidelines.

DECLARATION REGARDING COMPLIANCE TO RESTRICTIONS UNDER RULE 144 (xi) OF GFR 2017

(To be typed and submitted in the Letter Head of the Entity/ Firm providing certificate as applicable)

TO WHOMSOEVER IT MAY CONCERN

TO

BHARAT HEAVY ELECTRICALS LTD.
POWER SECTOR - PROJECT ENGINEERING MANAGEMENT (PS- PEM)
3rd Floor, BHEL-SADAN,
PLOT NO. 25, SECTOR-16-A,
NOIDA-210-301 (U.P.)

Sub: Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017

Ref: OM dtd. 23.02.2023 of Department of Expenditure, Ministry of Finance, Govt. of India

Enquiry No. & date

Description of item(s):

I have read the clause regarding restrictions on procurement from a Supplier of a country which shares a land border with India, as per OM dtd. 23.02.2023 of Department of Expenditure, Ministry of Finance, Govt. of India. I certify that _____ (SPECIFY THE NAME OF THE ORGANIZATION HERE), is not from such a country/ has been registered with the Competent Authority (*attach valid registration by the Competent Authority, i.e., the Registration Committee constituted by the Dept. for Promotion of Industry and Internal Trade (DPIIT).*)

I hereby certify that we fulfil all requirements in this regard and is eligible to be considered.

Thanking you,
Yours faithfully,

(Signature, Date & Seal of
Authorized Signatory of the Supplier)

Note: Suppliers to note that in case above certification given by a Supplier, whose bid is accepted, is found to be false, then this would be a ground for penal action and for taking further action in accordance with law and as per extant guidelines.

BANK GUARANTEE FOR EARNEST MONEY DEPOSIT

(On Non-Judicial paper of appropriate value)

Bank Guarantee No.....

Date.....

To

BHARAT HEAVY ELECTRICALS LTD.

POWER SECTOR - PROJECT ENGINEERING MANAGEMENT (PS- PEM)

3rd Floor, BHEL-SADAN,

PLOT NO. 25, SECTOR-16-A,

NOIDA-210-301 (U.P.)

Dear Sirs,

In accordance with the terms and conditions of Invitation for Bids/Notice Inviting Tender No.....¹(Tender Conditions), M/s. having its registered office at² (hereinafter referred to as the 'Tenderer'), is submitting its bid for the work of.....³ invited by⁴.(name of the Employer) through its Unit at(

The Tender Conditions provide that the Tenderer shall pay a sum of Rs as Earnest Money Deposit in the form therein mentioned. The form of payment of Earnest Money Deposit includes Bank Guarantee executed by a Scheduled Bank.

In lieu of the stipulations contained in the aforesaid Tender Conditions that an irrevocable and unconditional Bank Guarantee against Earnest Money Deposit for an amount of⁵ is required to be submitted by the Tenderer as a condition precedent for participation in the said Tender and the Tenderer having approached us for giving the said Guarantee,

we, the[Name & address of the Bank]

..... having our Registered Office at

.....(hereinafter referred to as the Bank) being the Guarantor under this

Guarantee, hereby irrevocably and unconditionally undertake to forthwith and immediately pay to the Employer without any demur, merely on your first demand any sum or sums of Rs.

.....⁵ (in words Rupees.....) without any reservation, protest, and recourse and without the beneficiary needing to prove or demonstrate reasons for its such demand.

Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.

We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the Suppliers in any suit or proceeding pending before any Court or Tribunal, Arbitrator or any other authority, our liability under this present being absolute and unequivocal.

The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment hereunder and the Tenderer shall have no claim against us for making such payment.

We Bank further agree that the Employer shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Tender or to extend the time of submission of from time to time or to postpone for any time or from time to time any of the powers exercisable by the Employer against the said Tenderer and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Tenderer or for any forbearance, act or omission on the part of the Employer or any indulgence by the Employer to the said Tenderer or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

The Bank also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Tenderer and notwithstanding any security or other guarantee that the Employer may have in relation to the Tenderer's liabilities.

This Guarantee shall be irrevocable and shall remain in force up to and including.....⁶ and shall be extended from time to time for such period as may be desired by the Employer.

This Guarantee shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Tenderer but shall in all respects and for all purposes be binding and operative until payment of all money payable to the Employer in terms hereof. However, unless a demand or claim under this Guarantee is made on us in writing on or before the⁷ we shall be discharged from all liabilities under this Guarantee.

This Bank Guarantee shall be governed, construed and interpreted in accordance with the laws of India.

Courts at shall alone have exclusive jurisdiction over any matter arising out of or in connection with this Bank Guarantee

We, Bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Employer in writing.

Notwithstanding anything to the contrary contained hereinabove:

- a. The liability of the Bank under this Guarantee shall not exceed.....⁵....
- b. This Guarantee shall be valid up to⁶
- c. Unless the Bank is served a written claim or demand on or before⁷ all rights under this guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities under this guarantee irrespective of whether or not the original bank guarantee is returned to the Bank.

We, Bank, have power to issue this Guarantee under law and the undersigned as a duly authorized person has full powers to sign this Guarantee on behalf of the Bank.

For and on behalf of
(Name of the Bank)

Date.....

Place of Issue.....

¹ *Details of the Invitation to Bid/Notice Inviting Tender*

² *Name and Address of the Tenderer*

³ *Details of the Work*

⁴ *Name of the Employer*

⁵ *BG Amount in words and Figures*

⁶ *Validity Date*

⁷ *Date of Expiry of Claim Period*

Notes:

1. The BG for EMD shall remain valid for a period of 45 (forty-five) days beyond the final bid validity period.
2. The BG should be on Non-Judicial Stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the State(s) where the BG is submitted or is to be acted upon or the rate prevailing in the State where the BG was executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Supplier/ Bank issuing the guarantee.
3. From Nationalized/Public Sector / Private Sector/ Foreign Banks can be accepted subject to the condition that the Bank Guarantee should be enforceable in the town/city or at nearest branch where the Unit is located i.e. Demand can be presented at the Branch located in the town/city or at nearest branch where the Unit is located.

BANK GUARANTEE FOR PERFORMANCE SECURITY

(On non-Judicial paper of appropriate value)

Bank Guarantee No:

Date:

TO

BHARAT HEAVY ELECTRICALS LTD.

POWER SECTOR - PROJECT ENGINEERING MANAGEMENT (PS- PEM)

3rd Floor, BHEL-SADAN,

PLOT NO. 25, SECTOR-16-A,

NOIDA-210-301 (U.P.)

Dear Sirs,

In consideration of Bharat Heavy Electricals Limited (hereinafter referred to as the 'Employer' which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns) incorporated under the Companies Act, 1956 and having its registered office at _____¹ through its Unit at.....(name of the Unit) having awarded to (Name of the Supplier) with its registered office at _____² hereinafter referred to as the ' Supplier', which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns), a contract Ref No.....dated³ valued at Rs.....⁴ (Rupees -----) / FC.....(in words.....) for⁵ (hereinafter called the 'Contract') and the Supplier having agreed to provide a Contract Performance Bank Guarantee, equivalent to% (.... Percent) of the said value of the Contract to the Employer for the faithful performance of the Contract,

We,, (hereinafter referred to as the Bank), having registered/Head office at and inter alia a branch at being the Guarantor under this Guarantee, hereby, irrevocably and unconditionally undertake to forthwith and immediately pay to the Employer any sum or sums up to a maximum amount of Rs -----⁶ (Rupees -----) without any demur, immediately on first demand from the Employer and without any reservation, protest, and recourse and without the Employer needing to prove or demonstrate reasons for its such demand.

Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____.

We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the Supplier in any suit or proceeding pending before any Court or Tribunal, Arbitrator or any other authority, our liability under this present being absolute and unequivocal.

The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment thereunder and the Supplier shall have no claim against us for making such payment.

We thebank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract/ satisfactory completion of the performance guarantee period as per the terms of the Contract and that it shall

continue to be enforceable till all the dues of the Employer under or by virtue of the said Contract have been fully paid and its claims satisfied or discharged.

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

The Bank also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Supplier and notwithstanding any security or other guarantee that the Employer may have in relation to the Supplier's liabilities.

This Guarantee shall remain in force up to and including.....⁷ and shall be extended from time to time for such period as may be desired by Employer.

This Guarantee shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Supplier but shall in all respects and for all purposes be binding and operative until payment of all money payable to the Employer in terms thereof.

Unless a demand or claim under this guarantee is made on us in writing on or before the⁸ we shall be discharged from all liabilities under this guarantee thereafter.

This Bank Guarantee shall be governed, construed and interpreted in accordance with the laws of India.

Courts at shall alone have exclusive jurisdiction over any matter arising out of or in connection with this Bank Guarantee

We, BANK lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Employer in writing.

Notwithstanding anything to the contrary contained hereinabove:

- a. The liability of the Bank under this Guarantee shall not exceed.....⁶
- b. This Guarantee shall be valid up to⁷
- c. Unless the Bank is served a written claim or demand on or before⁸ all rights under this guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities under this guarantee irrespective of whether or not the original bank guarantee is returned to the Bank.

We, _____ Bank, have power to issue this Guarantee under law and the undersigned as a duly authorized person has full powers to sign this Guarantee on behalf of the Bank.

For and on behalf of
(Name of the Bank)

Dated.....

Place of Issue.....

¹ NAME AND ADDRESS OF EMPLOYER i.e., Bharat Heavy Electricals Limited

² NAME AND ADDRESS OF THE SUPPLIER /SUPPLIER / SUPPLIER.

³ DETAILS ABOUT THE NOTICE OF AWARD/CONTRACT REFERENCE

⁴ CONTRACT VALUE

⁵ PROJECT/SUPPLY DETAILS

⁶ BG AMOUNT IN FIGURES AND WORDS

⁷ VALIDITY DATE

⁸ DATE OF EXPIRY OF CLAIM PERIOD

Note:

1. Bank Guarantee should be refunded to the contractor without interest, after he duly performs and completes the contract in all respects but not later than 60 (sixty) days of completion of all such obligations including the warranty under the contract.
2. The BG should be on Non-Judicial Stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the State(s) where the BG is submitted or is to be acted upon or the rate prevailing in the State where the BG was executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Supplier/ Bank issuing the guarantee.
3. From Nationalized/Public Sector / Private Sector/ Foreign Banks can be accepted subject to the condition that the Bank Guarantee should be enforceable in the town/city or at nearest branch where the Unit is located i.e. Demand can be presented at the Branch located in the town/city or at nearest branch where the Unit is located.

UNDERTAKING FOR CONFLICT OF INTEREST

(To be typed and submitted in the Letter Head of the Supplier)

Ref : 1) Enquiry No. & date

Treatment of Cases Regarding Conflict of Interest:

The Supplier notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations:

- i) If its personnel have a close personal, financial, or business relationship with any personnel of BUYER who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BUYER directly or indirectly;
- ii) The Supplier (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating;
- iii) Procurement of goods directly from the manufacturers/ suppliers shall be preferred. However, if the OEM/ Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorised distributor (with/ or without the OEM). from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate.
- iv) A Supplier participates in more than one bid in this tender process. Participation in any capacity by a Supplier (including the participation of a Supplier as a partner/ JV member or sub-Supplier in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-Supplier in more than one bid if he is not bidding independently in his own name or as a member of a JV.

The Supplier declares that they have read and understood the above aspects, and the Supplier confirms that such conflict of interest does not exist and undertakes that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Supplier(s), in this regard. 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 Supplier is found having indulged in above activities, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by the BUYER as per extant policies/ guidelines.**

(Signature, Date & Seal of
Authorized Signatory of the Supplier)

Ref : Enquiry No. & date

DECLARATION BY MSE SUPPLIERS REGARDING OWNERSHIP STRUCTURE
ALONG WITH UDYAM CERTIFICATE

Any Supplier falling under MSE category shall furnish the following details & submit documentary evidence/ Govt. Certificate etc. in support of the same along with their techno-commercial offer:

Type under MSE	SC/ST Owned	Women Owned	Others (excluding SC/ST & Women Owned)
Micro			
Small			

(Signature, Date & Seal of Authorized Signatory of the Supplier)

INSURANCE SURETY BOND TOWARDS BID SECURITY

(To be stamped in accordance with Stamp Act of India)

Insurance Surety Bond No. **[Insert Bond Number]**

Date **[Insert Date]**

TO

BHARAT HEAVY ELECTRICALS LTD.
POWER SECTOR - PROJECT ENGINEERING MANAGEMENT (PS- PEM)
3rd Floor, BHEL-SADAN,
PLOT NO. 25, SECTOR-16-A,
NOIDA-210-301 (U.P.)

Dear Sirs,

In accordance with the terms and conditions of Invitation for Bids/Notice Inviting Tender No..... (Tender Conditions), M/s. having its registered office at (hereinafter referred to as the 'Tenderer'), is submitting its bid for the work of invited by (name of the Employer, hereinafter referred to as the 'Employer') through its Unit at The Tender Conditions provide that the Tenderer shall pay a sum of Rs as Earnest Money Deposit/ Bid Security in the form therein mentioned. The form of payment of Earnest Money Deposit/ Bid Security includes Insurance Surety Bond from an Insurer as per the extant guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI).

In lieu of the stipulations contained in the aforesaid Tender Conditions that an irrevocable and unconditional Insurance Surety Bond against Earnest Money Deposit for an amount of is required to be submitted by the Tenderer as a condition precedent for participation in the said Tender and the Tenderer having approached us for giving the said Bond, we, the[Name & address of the Insurer] having our Registered Office at(hereinafter referred to as the Insurer) under this Bond, hereby irrevocably and unconditionally undertake to forthwith and immediately pay to the Employer without any demur, merely on your first demand any sum or sums up to the maximum of Rs.....(in words Rupees.....) without any reservation, protest, and recourse and without the Employer needing to prove or demonstrate reasons for its such demand.

Any such demand made on the Insurer shall be conclusive as regards the amount due and payable by the Insurer under this Surety Bond. However, our liability under this Bond shall be restricted to an amount not exceeding Rs. _____.

We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the tenderer in any suit or proceeding pending before any Court or Tribunal, Arbitrator or any other authority, our liability under this present being absolute and unequivocal.

The payment so made by us under this Bond shall be a valid discharge of our liability for payment hereunder.

We Insurer further agree that the Employer shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Tender or to extend the time of submission from time to time or to postpone for any time or from time to time any of the powers exercisable by the Employer against the said Tenderer and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Tenderer or for any forbearance, act or omission on the part of the Employer or any indulgence by the Employer to the said Tenderer or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

The Insurer also agrees that the Employer at its option shall be entitled to enforce this Surety Bond against the Insurer as a principal debtor, in the first instance without proceeding against the Tenderer and notwithstanding any security or other guarantee that the Employer may have in relation to the Tenderer's liabilities.

This Surety Bond shall be irrevocable and shall remain in force up to and including..... and shall be extended from time to time for such period as may be desired by the Employer.

This Surety Bond shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Tenderer but shall in all respects and for all purposes be binding and operative until payment of all money payable to the Employer in terms hereof. However, unless a demand or claim under this Surety Bond is made on us in writing on or before the or the extended date in accordance with the preceding para, we shall be discharged from all liabilities under this Bond.

We, Insurer lastly undertake not to revoke this Surety Bond during its currency except with the previous consent of the Employer in writing.

Notwithstanding anything to the contrary contained hereinabove:

- a) The liability of the Insurer under this Surety Bond shall not exceed.....
- b) This Surety Bond shall be valid up to or the extended date, if any.
- c) Unless the Insurer is served a written claim or demand on or before _____ or the extended date, if any, all rights under this Surety Bond shall be forfeited and the Insurer shall be relieved and discharged from all liabilities under this Surety Bond irrespective of whether or not the original Insurance Surety Bond is returned to the Insurer. We, _____ Insurer, have power to issue this Surety Bond under law and the undersigned as a duly authorized person has full powers to sign this Surety Bond on behalf of the Insurer.

For and on behalf of

[Signature]

[(Name of the Insurer)]

[Official Address]

[Designation of Insurer Stamp]

Authorized vide Power of Attorney No./Staff Authority No. [Insert POA Number]

Date.....

Place of Issue.....

1 Details of the Invitation to Bid/Notice Inviting Tender

2 Name and Address of the Tenderer

3 Details of the Work

4 Name of the Employer

5 Insurance Surety Bond Amount in words and Figures

6 Validity Date

7 Date of Expiry of Claim Period

Notes:

1. The Insurance Surety Bond for EMD shall remain valid for a period of 45 (forty-five) days beyond the final bid validity period.
2. The Insurance Surety Bond should be on Non-Judicial Stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the State(s) where the Insurance Surety Bond is submitted or is to be acted upon or the rate prevailing in the State where the Insurance Surety Bond was executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Supplier/ Insurer issuing the Insurance Surety Bond.

3. The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI) as amended from time to time.
4. Insurance Surety Bond issued by Branches in India can be accepted subject to the condition that the Insurance Surety Bond should be enforceable in the town/city or at nearest branch where the Unit is located i.e. Demand can be presented at the Branch located in the town/city or at nearest branch where the Unit is located.

INSURANCE SURETY BOND TOWARDS PERFORMANCE SECURITY

(To be stamped in accordance with Stamp Act of India)

Insurance Surety Bond No. **[Insert Bond Number]**

Date **[Insert Date]**

TO

BHARAT HEAVY ELECTRICALS LTD.
POWER SECTOR - PROJECT ENGINEERING MANAGEMENT (PS- PEM)
3rd Floor, BHEL-SADAN,
PLOT NO. 25, SECTOR-16-A,
NOIDA-210-301 (U.P.)

Dear Sirs,

In consideration of Bharat Heavy Electricals Limited (hereinafter referred to as the 'Employer' which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns) incorporated under the Companies Act, 1956 and having its registered office at _____ through its Unit at.....(name of the Unit) having awarded to (Name of the Vendor / Contractor / Supplier) with its registered office at _____ hereinafter referred to as the ' Vendor / Contractor / Supplier ', which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns), a contract Ref No.....dated valued at Rs..... (Rupees -----)/FC.....(in words.....) for (hereinafter called the 'Contract') and the Vendor / Contractor / Supplier having agreed to provide an Insurance Surety Bond towards Performance Security, equivalent to% (.... Percent) of the said value of the Contract to the Employer for the faithful performance of the Contract, we, (hereinafter referred to as the Insurer), having registered/Head office at and inter alia a branch at under this Surety Bond, hereby, irrevocably and unconditionally undertake to forthwith and immediately pay to the Employer any sum or sums up to a maximum amount of Rs ----- (Rupees -----) without any demur, immediately on first demand from the Employer and without any reservation, protest, and recourse and without the Employer needing to prove or demonstrate reasons for its such demand.

Any such demand made on the Insurer shall be conclusive as regards the amount due and payable by the Insurer under this Surety Bond. However, our liability under this Surety Bond shall be restricted to an amount not exceeding Rs. _____.

We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the Vendor / Contractor / Supplier in any suit or proceeding pending before any Court or Tribunal, Arbitrator or any other authority, our liability under this present being absolute and unequivocal.

The payment so made by us under this Surety Bond shall be a valid discharge of our liability for payment thereunder.

We theInsurer further agree that the Surety Bond herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract/satisfactory completion of the performance guarantee period as per the terms of the Contract and that it shall continue to be enforceable till all the dues of the Employer under or by virtue of the said Contract have been fully paid and its claims satisfied or discharged.

WeInsurer further agree with the Employer that the Employer shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and

conditions of the said Contract or to extend time of performance by the said Vendor / Contractor / Supplier from time to time or to postpone for any time or from time to time any of the powers exercisable by the Employer against the said Vendor / Contractor / Supplier and to forbear or enforce any of the terms and conditions relating to the said Contract and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Vendor / Contractor / Supplier or for any forbearance, act or omission on the part of the Employer or any indulgence by the Employer to the said Vendor / Contractor / Supplier or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

The Insurer also agrees that the Employer at its option shall be entitled to enforce this Surety Bond against the Insurer as a principal debtor, in the first instance without proceeding against the Vendor / Contractor / Supplier and notwithstanding any security or other guarantee that the Employer may have in relation to the Vendor / Contractor / Supplier's liabilities.

This Surety Bond shall remain in force up to and including..... and shall be extended from time to time for such period as may be desired by Employer.

This Surety Bond shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Vendor / Contractor / Supplier but shall in all respects and for all purposes be binding and operative until payment of all money payable to the Employer in terms thereof.

Unless a demand or claim under this guarantee is made on us in writing on or before theor the extended date in accordance with the preceding para, we shall be discharged from all liabilities under this Surety Bond thereafter.

We, Insurer lastly undertake not to revoke this Surety Bond during its currency except with the previous consent of the Employer in writing.

Notwithstanding anything to the contrary contained hereinabove:

- a) The liability of the Insurer under this Surety Bond shall not exceed.....
- b) This Surety Bond shall be valid up toor the extended date, if any.
- c) Unless the Insurer is served a written claim or demand on or before _____ or the extended date, if any, all rights under this guarantee shall be forfeited and the Insurer shall be relieved and discharged from all liabilities under this Surety Bond irrespective of whether or not the original Surety Bond is returned to the Insurer.

We, _____ Insurer, have power to issue this Surety Bond under law and the undersigned as a duly authorized person has full powers to sign this Surety Bond on behalf of the Insurer.

For and on behalf of

[Signature]

[(Name of the Insurer)]

[Official Address]

[Designation of Insurer Stamp]

Authorized vide Power of Attorney No./Staff Authority No. [Insert POA Number]

Dated.....

Place of Issue.....

1 NAME AND ADDRESS OF EMPLOYER i.e. Bharat Heavy Electricals Limited

2 NAME AND ADDRESS OF THE VENDOR /CONTRACTOR / SUPPLIER.

3 DETAILS ABOUT THE NOTICE OF AWARD/CONTRACT REFERENCE

4 CONTRACT VALUE

- 5 PROJECT/SUPPLY DETAILS
- 6 AMOUNT IN FIGURES AND WORDS
- 7 VALIDITY DATE
- 8 DATE OF EXPIRY OF CLAIM PERIOD

Notes:

1. Insurance Surety Bond should be refunded to the contractor without interest, after he duly performs and completes the contract in all respects but not later than 60 (sixty) days of completion of all such obligations including the warranty under the contract.
2. The Insurance Surety Bond should be on Non-Judicial Stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the State(s) where the Insurance Surety Bond is submitted or is to be acted upon or the rate prevailing in the State where the Insurance Surety Bond was executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Supplier/ Insurer issuing the Insurance Surety Bond.
3. The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI) as amended from time to time.
4. Insurance Surety Bond for Performance Security shall be submitted to the Buyer in Original.
5. Insurance Surety Bond issued by Branches in India can be accepted subject to the condition that the Insurance Surety Bond should be enforceable in the town/city or at nearest branch where the Unit is located i.e. Demand can be presented at the Branch located in the town/city or at nearest branch where the Unit is located.

CHECK LIST

Supplier to fill in the following details in their Letterhead and no column should be left blank:

A	Name and Address of the Supplier		
B	GSTN No. the Supplier (Place of Execution of Contract/ Purchase Order/ LOA)		
C	Details of Contact person for this Tender	Name: Mr./ Ms. Designation: Telephone No: Mobile No: Email ID:	
D	EMD DETAILS		
E	DESCRIPTION	APPLICABILITY (BY BUYER)	ENCLOSED BY SUPPLIER
i.	Whether Pre - Qualification Criteria is understood and provided proper supporting documents	Applicable/ Not Applicable	YES / NO
ii.	Whether all pages of the Tender documents including annexures, appendices etc. are read and understood	Applicable/ Not Applicable	YES / NO
iii.	Audited Balance Sheet and profit & Loss Account for the last three years	Applicable/ Not Applicable	YES / NO
iv.	Copy of PAN Card & GST registration	Applicable/ Not Applicable	YES / NO
v.	Declaration regarding Insolvency/ Liquidation/ Bankruptcy Proceedings as per Annexure - 1	Applicable/ Not Applicable	YES / NO
vi.	Submission of Non-Disclosure Certificate as per Annexure - 3	Applicable/ Not Applicable	YES / NO
vii.	Submission of Integrity Pact as specified in Tender as per Annexure - 4	Applicable/ Not Applicable	YES / NO
viii.	Declaration of Related Firms & their areas of Activities as per Annexure - 5	Applicable/ Not Applicable	YES / NO
ix.	Declaration for Relation in BHEL as per Annexure - 6	Applicable/ Not Applicable	YES / NO
x.	Declaration of Make In India as specified in Tender as per Annexure - 7	Applicable/ Not Applicable	YES / NO

xi.	Declaration regarding Compliance to Restrictions under Rule 144 (xi) of GFR 2017 as per Annexure – 8	Applicable/ Not Applicable	YES / NO
xii.	Proforma of Bank Guarantee for Earnest Money Deposit as per Annexure - 9	Applicable/ Not Applicable	YES / NO
xiii.	Undertaking for Conflict of Interest as per Annexure - 11	Applicable/ Not Applicable	YES / NO
xiv.	Declaration by MSE Suppliers as specified in Tender as per Annexure - 12	Applicable/ Not Applicable	YES / NO
xv.	Proforma of Insurance Surety Bond for Bid Security/ Earnest Money Deposit (EMD) as per Annexure - 13	Applicable/ Not Applicable	YES / NO

NOTE: Strike off 'YES' or 'NO', as applicable. Tender not accompanied by the prescribed **above applicable documents** are liable to be summarily rejected.

Date :

**Sign. of the Authorised Signatory
(With Name, Designation and Company Seal)**

KODERMA THERMAL POWER STATION PHASE-II (2X800MW)
ANNEXURE-B - BOQ-CUM-PRICE SCHEDULE FOR LT SWITCHGEAR

S.No.	ITEM NO.	ITEM NAME	UOM	TOTAL QTY.	RATING (A)	BOARD NO.	UNIT PRICE (EX-WORKS) Rs.	TOTAL PRICE (EX-WORKS) Rs.	FREIGHT % W.R.T TOTAL EX-WORKS (%)	FREIGHT AMOUNT (Rs.)	TOTAL PRICE (EX-WORKS + FREIGHT) (Rs.)	GST@18% ON EX-WORKS + FREIGHT (Rs.)	TOTAL F.O.R SITE PRICE (Rs.)	NO. OF PCC / ACB PANEL	NO. OF MCCB / ACDB / DCDB PANEL	BOARD NAME PLATE, DESCRIPTION & RATING
A	SWITCHBOARD															
1	506-0110316-00-A	UNIT EMERGENCY SWBD-1	NOS.	1	3000	3DG	-	-	-	-	-	-	-	-	-	415 V UNIT-3 EMERGENCY PMCC 3DG, 3000A
2	506-0110040-00-A	220V MAIN DCDB-1	NOS.	1	1600	3FA	-	-	-	-	-	-	-	-	-	220 V UNIT-3 MAIN DCDB 3FA, 1600A
3	506-0110382-00-A	Unit Boiler PMCC-1	NOS.	1	4000	3DA	-	-	-	-	-	-	-	-	-	415 V UNIT-3 BOILER SERVICE PMCC 3DA, 4000A
4	506-0110107-00-A	BOILER V&D ACDB-1	NOS.	1	250	3HA	-	-	-	-	-	-	-	-	-	415 V UNIT-3 BLR. VALVE & DAMPER ACDB 3HA, 250A
5	506-0110092-00-A	BOILER ACDB-1	NOS.	1	630	3HB	-	-	-	-	-	-	-	-	-	415 V UNIT-3 BOILER ACDB 3HB, 630A
6	506-0110419-00-A	SOOT BLOWER MCC-1	NOS.	1	63	-	-	-	-	-	-	-	-	-	-	415 V UNIT-3 SOOT BLOWER MCC, 63A
7	506-0110387-00-A	Unit Turbine PMCC-1	NOS.	1	4000	3DB	-	-	-	-	-	-	-	-	-	415 V UNIT-3 TURBINE SERVICE PMCC 3DB, 4000A
8	506-0110321-00-A	UNIT SERVICE ACDB-1	NOS.	1	630	3QA	-	-	-	-	-	-	-	-	-	415 V UNIT-3 SERVICE ACDB 3QA, 630A
9	506-0110300-00-A	TURBINE VALVE ACDB-1	NOS.	1	250	3KA	-	-	-	-	-	-	-	-	-	415 V UNIT-3 TURBINE VALVE DB 3KA, 250A
10	506-0110317-00-A	UNIT EMERGENCY SWBD-2	NOS.	1	3000	4DG	-	-	-	-	-	-	-	-	-	415 V UNIT-4 EMERGENCY PMCC 4DG, 3000A
11	506-0110041-00-A	220V MAIN DCDB-2	NOS.	1	1600	4FA	-	-	-	-	-	-	-	-	-	220 V UNIT-4 MAIN DCDB 4FA, 1600A
12	506-0110383-00-A	Unit Boiler PMCC-2	NOS.	1	4000	4DA	-	-	-	-	-	-	-	-	-	415 V UNIT-4 BOILER SERVICE PMCC 4DA, 4000A
13	506-0110108-00-A	BOILER V&D ACDB-2	NOS.	1	250	4HA	-	-	-	-	-	-	-	-	-	415 V UNIT-4 BLR. VALVE & DAMPER ACDB 4HA, 250A
14	506-0110093-00-A	BOILER ACDB-2	NOS.	1	630	4HB	-	-	-	-	-	-	-	-	-	415 V UNIT-4 BOILER ACDB 4HB, 630A
15	506-0110420-00-A	SOOT BLOWER MCC-2	NOS.	1	63	-	-	-	-	-	-	-	-	-	-	415 V UNIT-4 SOOT BLOWER MCC, 63A
16	506-0110388-00-A	Unit Turbine PMCC-2	NOS.	1	4000	4DB	-	-	-	-	-	-	-	-	-	415 V UNIT-4 TURBINE SERVICE PMCC 4DB, 4000A
17	506-0110322-00-A	UNIT SERVICE ACDB-2	NOS.	1	630	4QA	-	-	-	-	-	-	-	-	-	415 V UNIT-4 SERVICE ACDB 4QA, 630A
18	506-0110301-00-A	TURBINE VALVE ACDB-2	NOS.	1	250	4KA	-	-	-	-	-	-	-	-	-	415 V UNIT-4 TURBINE VALVE DB 4KA, 250A
19	506-0110179-00-A	ESP SWBD	NOS.	12	3000	3DC, 3DD, 3DE, 3DF,3DH, 3DJ 4DC, 4DD, 4DE, 4DF,4DH,4DJ	-	-	-	-	-	-	-	-	-	UNIT-3 & UNIT-4 ESP PMCCs, 3000A
20	506-0110180-00-A	ESP SWBD-1	NOS.	1	4000	3DK	-	-	-	-	-	-	-	-	-	415 V UNIT-3 ESP STANDBY PMCC 3DK, 4000A
21	506-0110181-00-A	ESP SWBD-2	NOS.	1	4000	3DL	-	-	-	-	-	-	-	-	-	415 V UNIT-3 ESP STANDBY PMCC 3DL, 4000A
22	506-0110182-00-A	ESP SWBD-3	NOS.	1	4000	4DK	-	-	-	-	-	-	-	-	-	415 V UNIT-4 ESP STANDBY PMCC 4DK, 4000A
23	506-0110183-00-A	ESP SWBD-4	NOS.	1	4000	4DL	-	-	-	-	-	-	-	-	-	415 V UNIT-4 ESP STANDBY PMCC 4DL, 4000A
24	506-0110170-00-A	ESP A/C & VENT MCC-1	NOS.	1	400	3TB	-	-	-	-	-	-	-	-	-	415 V UNIT-3 ESP HVAC MCC 3TB, 400A
25	506-0110165-00-A	ESP & ID FAN AREA MCC-1	NOS.	1	400	3HC	-	-	-	-	-	-	-	-	-	415 V UNIT-3 ESP & ID FAN AREA MCC 3HC, 400A
26	506-0110171-00-A	ESP A/C & VENT MCC-2	NOS.	1	400											

KODERMA THERMAL POWER STATION PHASE-II (2X800MW)
ANNEXURE-B - BOQ-CUM-PRICE SCHEDULE FOR LT SWITCHGEAR

Enquiry No. 77/26/6145/MOH Dtd. 11.09.2026

Bidder Name:-

S.No.	ITEM NO.	ITEM NAME	UOM	TOTAL QTY.	RATING (A)	BOARD NO.	UNIT PRICE (EX-WORKS) Rs.	TOTAL PRICE (EX-WORKS) Rs.	FREIGHT % W.R.T TOTAL EX-WORKS (%)	FREIGHT AMOUNT (Rs.)	TOTAL PRICE (EX-WORKS + FREIGHT) (Rs.)	GST@18% ON EX-WORKS + FREIGHT (Rs.)	TOTAL F.O.R SITE PRICE (Rs.)	NO. OF PCC / ACB PANEL	NO. OF MCC / ACDB / DCDB PANEL	BOARD NAME PLATE, DESCRIPTION & RATING
1	506-0111055-00-A	ACB RACKING HANDLE	NOS.	30				-		-	-	-	-			
2	506-0110283-00-A	TELESCOPIC TROLLEY (TROLLEY FOR ACB HANDLING)	NOS.	20				-		-	-	-	-			
3	506-0111056-00-A	DOOR KEY	NOS.	100				-		-	-	-	-			
4	506-0111057-00-A	RELAY TEST EQUIPMENT	NOS.	2				-		-	-	-	-			
5	506-0111058-00-A	MODULE RACKING HANDLE	NOS.	30				-		-	-	-	-			
D	SITE MODIFICATION															
1	506-0111059-00-A	LUMP SUM ALL INCLUSIVE CHARGES PER VISIT FOR SKILLED TECHNICIAN (EXCEPT DAILY CHARGES)	VISITS	15				-	0%	-	-	-	-			REFER NOTE D.1 TO D.4
2	506-0111060-00-A	LUMP SUM ALL INCLUSIVE DAILY CHARGES FOR SKILLED TECHNICIAN	DAYS	60				-	0%	-	-	-	-			REFER NOTE D.1 TO D.4
3	506-0111061-00-A	LUMP SUM ALL INCLUSIVE CHARGES PER VISIT FOR SERVICE ENGINEER (EXCEPT DAILY CHARGES)	VISITS	15				-	0%	-	-	-	-			REFER NOTE D.1 TO D.4
4	506-0111062-00-A	LUMP SUM ALL INCLUSIVE DAILY CHARGES FOR SERVICE ENGINEER	DAYS	60				-	0%	-	-	-	-			REFER NOTE D.1 TO D.4
5	506-0111063-00-A	SITE MODIFICATION MATERIAL @ 1% OF TOTAL BOARD COST (i.e. SUMMATION OF S.NO. 1 TO S.NO. 48 OF BOQ CUM PRICE SCHEDULE)	SET	1				-	0%	-	-	-	-			REFER NOTE D.3
E		NUMERICAL RELAY, IMCC, ENERGY METERS, WIRELESS TEMPERATURE MONITORING & HMI SYSTEMS - COMMISSIONING CHARGES	SET	1				-	0%	-	-	-	-			AS PER ANNEXURE-E
F		E&C SPARES	SET	1				-		-	-	-	-			AS PER ANNEXURE-F
G		MANDATORY SPARES	SET	1				-		-	-	-	-			AS PER ANNEXURE-G
	GRAND TOTAL (Evaluation Price shall be Ex-works + Freight)							-		-	-	-	-			

ANNEXURE-E**NUMERICAL RELAY, IMCC, ENERGY METERS, WIRELESS TEMPERATURE MONITORING & HMI SYSTEMS - COMMISSIONING CHARGES**

S. No.	ITEM NO.	Item Description	Qty.	Unit	UNIT PRICE (Ex-WORKS) Rs.	TOTAL PRICE (Ex-WORKS) Rs.	GST@18% ON EX- WORKS (Rs.)	TOTAL FOR SITE PRICE (Rs.)	Remarks
1	506-0110403-00-C	LUMP SUM ALL INCLUSIVE CHARGES PER NUMERICAL RELAY COMMISSIONING (INCLUDING CONVEYANCE TO SITE, BOARDING AND LODGING)	350	NOS.		-	-	-	
2	506-0110404-00-C	LUMP SUM ALL INCLUSIVE CHARGES PER IMC COMMISSIONING (INCLUDING CONVEYANCE TO SITE, BOARDING AND LODGING)	2500	NOS.		-	-	-	
3	506-0110405-00-C	LUMP SUM ALL INCLUSIVE CHARGES FOR WIRELESS TEMPERATURE MONITORING SYSTEM COMMISSIONING. FOR TWO LOT OF SWITCHBOARDS- a. FIRST LOT- 3DA, 3DB & 3DG SWITCHBOARDS b. SECOND LOT- 4DA, 4DB & 4DG SWITCHBOARDS	2	NOS.		-	-	-	1 NO. CONSISTS OF 3 SWITCHBOARD
4	506-0111083-00-C	LUMP SUM ALL INCLUSIVE CHARGES PER ENERGY METER COMMISSIONING (INCLUDING CONVEYANCE TO SITE, BOARDING AND LODGING)	350	NOS.		-	-	-	
5	506-0110407-00-C	TESTING AND ERECTION & COMMISSIONING CHARGES FOR HMI-ITEMS AT SL. NO. B (1 TO 4) (HMI SYSTEM)	4	NOS.		-	-	-	1 NO. SHALL CONSIST OF TESTING AND ERECTION & COMMISSIONING OF ONE ITEM EACH OF SL. NO. B (1 TO 4) (HMI SYSTEM)
		TOTAL OF ANNEXURE - E				-	-	-	

NOTES:

1	AMOUNT PAYABLE FOR NUMERICAL RELAY COMMISSIONING = UNIT PRICE FOR COMMISSIONING CHARGES AS PER SL.NO.1 ABOVE x NO. OF RELAYS COMMISSIONED (SAME TO BE CERTIFIED BY BHEL SITE).
2	AMOUNT PAYABLE FOR IMCC COMMISSIONING = UNIT PRICE FOR COMMISSIONING CHARGES AS PER SL.NO.2 ABOVE x NO. OF IMCC COMMISSIONED (SAME TO BE CERTIFIED BY BHEL SITE).
3	AMOUNT PAYABLE FOR WIRELESS TEMPERATURE MONITORING SYSTEM COMMISSIONING FOR EACH UNIT (BMCC, TMCC and EMCC) = UNIT PRICE FOR COMMISSIONING CHARGES AS PER SL.NO.3 ABOVE (SAME TO BE CERTIFIED BY BHEL SITE).
4	FOR LINE ITEM 3, TESTING AND COMMISSIONING OF WIRELESS TEMPERATURE MONITORING SYSTEM FOR BMCC(3DA), TMCC (3DB) and EMCC(3DG) IS CONSIDERED AS 1 NO.SIMILARLY 3 BOARDS OF ANOTHER UNIT CONSIDERED AS 2ND NO.
5	AMOUNT PAYABLE FOR ENERGY METER COMMISSIONING = UNIT PRICE FOR COMMISSIONING CHARGES AS PER SL.NO.4 ABOVE x NO. OF ENERGY METERS COMMISSIONED (SAME TO BE CERTIFIED BY BHEL SITE).
6	APPROXIMATELY 15 NOS. OF NUMERICAL RELAYS, 15 NOS. OF ENERGY METERS AND/OR 50 NOS. OF IMCS CAN BE CONSIDERED BY BIDDER FOR COMMISSIONING IN EACH VISIT.
7	FOR LINE ITEM 1, 2, 3,4 BIDDER TO NOTE THAT TESTING, CONFIGURATION AND NETWORKING SETUP OF RELAY, IMC, ENERGY METERING SYSTEM, & TEMPERATURE MONITORING SYSTEM SHALL BE THE BIDDER'S RESPONSIBILITY COMPLETELY.
8	FOR LINE ITEM 5, BIDDER TO NOTE THAT ERECTION & COMMISSIONING, TESTING, CONFIGURATION AND NETWORKING SETUP OF HMI SYSTEM SHALL BE THE BIDDER'S RESPONSIBILITY COMPLETELY.
9	BIDDER TO COORDINATE WITH DCS SUPPLIER (BHEL EDN) TO ENSURE SMOOTH AND EFFECTIVE COMMUNICATION BETWEEN NUMERICAL RELAY/ Y-LINK, ENERGY METERS AND DCS, AS WELL AS BETWEEN TEMPERATURE MONITORING SYSTEM AND DCS/HMI.
10	FOR LINE ITEMS 1 TO 5, BIDDER TO DEPUTE ITS MANPOWER WITHIN 15 DAYS FROM THE DATE OF INTIMATION BY BHEL.

ANNEXURE-F

E&C SPARES

S. No.	Item no.	Item / Component	Qty.	Unit	UNIT PRICE (EX-WORKS) Rs.	TOTAL PRICE (EX-WORKS) Rs.	FREIGHT % W.R.T TOTAL EX-WORKS (%)	FREIGHT AMOUNT (Rs.)	TOTAL PRICE (EX-WORKS + FREIGHT) (Rs.)	GST@18% ON EX-WORKS + FREIGHT (Rs.)	TOTAL FOR SITE PRICE (Rs.)
1		FACTORY BUILT ASSEMBLIES (PCC/MCC/DB)									
1.1	506-0110990-00-G	Busbar supports (Horizontal)(1 set of 3)	Nos.	1		-		-	-	-	-
1.2	506-0110991-00-G	Primary isolating contacts (Bus side) of each rating(1 set of 3)	Nos.	1		-		-	-	-	-
1.3	506-0110992-00-G	Primary isolating contacts (Load side) of each rating (1 set of 3)	Nos.	1		-		-	-	-	-
1.4	506-0110993-00-G	Secondary isolating contacts of each rating (1 set of 3)	Nos.	1		-		-	-	-	-
1.5	506-0110994-00-G	Gaskets (each size)	Meter	10		-		-	-	-	-
1.6	506-0110995-00-G	Fixed Terminal (1way)	Nos.	20		-		-	-	-	-
1.7	506-0110996-00-G	Shrouds (for outgoing modules)-one for each physical size of module	Nos.	1		-		-	-	-	-
1.8		Wire (for secondary wiring)									
a	506-0110997-00-G	2.5 mm ²	Metres	100		-		-	-	-	-
b	506-0110998-00-G	1.5mm ²	Metres	100		-		-	-	-	-
1.9	506-0111021-00-G	Lugs (for 2.5 mm2 secondary wiring)	Nos.	100		-		-	-	-	-
1.10	506-0110999-00-G	Lugs (for 1.5 mm2 secondary wiring)	Nos.	100		-		-	-	-	-
2		AIR CIRCUIT BREAKER (FOR EACH RATING)									
2.1	506-0111000-00-G	Shunt trip coil	Nos.	5		-		-	-	-	-
2.2	506-0111001-00-G	spring charging motor-1 motor of each rating	Nos.	1		-		-	-	-	-
2.3	506-0111002-00-G	closing coil	Nos.	5		-		-	-	-	-
2.4	506-0111003-00-G	Auxiliary contact/ switch	Nos.	1		-		-	-	-	-
3		ISOLATING SWITCH									
3.1	506-0111004-00-G	Main contact kit for each rating (1 set of 3)	Nos.	1		-		-	-	-	-
4		POWER CONTACTORS									
4.1	506-0111005-00-G	Contact coil of each rating	Nos.	1		-		-	-	-	-
4.2	506-0111006-00-G	Contacts kit (main) for each rating (1 set of 3)	Nos.	1		-		-	-	-	-
5		AUXILIARY CONTACTORS									
5.1	506-0111007-00-G	Complete unit with 2NO + 2NC contacts-1 no. of each rating/type	Nos.	1		-		-	-	-	-
5.2		Contact coil									
a	506-0111008-00-G	AC for each Aux. contactor rating	Nos.	1		-		-	-	-	-
b	506-0111009-00-G	DC for each Aux. contactor rating	Nos.	1		-		-	-	-	-
6	506-0111010-00-G	MCCB-1 no. of each rating/type	Nos.	1		-		-	-	-	-
7	506-0111011-00-G	MPCB-1 no. of each rating/type	Nos.	1		-		-	-	-	-
8	506-0111012-00-G	MCB-1 no. of each rating/type	Nos.	1		-		-	-	-	-
9		PUSH BUTTONS									
a	506-0111013-00-G	Actuator contacts	Nos.	5		-		-	-	-	-
b	506-0111014-00-G	Element	Nos.	5		-		-	-	-	-
10		INDICATING LAMPS									
a	506-0111015-00-G	Complete unit	Nos.	10		-		-	-	-	-
b	506-0111016-00-G	Lens (assorted)	Nos.	10		-		-	-	-	-
11		OTHERS									
11.1	506-0111017-00-G	Selector & control switch (each type)	Nos.	1		-		-	-	-	-
11.2	506-0111018-00-G	Connecting cable between CT and IMCC of appropriate length	Nos.	50		-		-	-	-	-
11.3	506-0111019-00-G	Connecting cable between VT and IMCC of appropriate length	Nos.	50		-		-	-	-	-
11.4	506-0111020-00-G	IMC Display HMI cable of Appropriate length	Nos.	50		-		-	-	-	-
TOTAL OF ANNEXURE - F						-		-	-	-	-

ANNEXURE-G
MANDATORY SPARES

S.no.	ITEM NO.	Item Description	Unit	Quantity	Unit Price Rs.	Total Price Rs.	FREIGHT % W.R.T TOTAL EX-WORKS (%)	FREIGHT AMOUNT (Rs.)	TOTAL PRICE (EX-WORKS + FREIGHT) (Rs.)	GST@18% ON EX-WORKS + FREIGHT (Rs.)	TOTAL FOR SITE PRICE (Rs.)
1	506-0111064-00-B	Complete breaker of each rating	Nos.	10		-		-	-	-	-
2	506-0111065-00-B	Numerical Relays of each type	Nos.	5		-		-	-	-	-
3	506-0111066-00-B	Auxiliary Relays of each type	Nos.	10		-		-	-	-	-
4	506-0111067-00-B	Horizontal busbar support Insulators of each type	Nos.	12		-		-	-	-	-
5	506-0111068-00-B	Vertical busbar dropper support insulators of each type	Nos.	12		-		-	-	-	-
6	506-0111069-00-B	Current transformer of each type & ratio	Nos.	3		-		-	-	-	-
7	506-0111070-00-B	Voltage transformer of each type & ratio	Nos.	3		-		-	-	-	-
8	506-0111071-00-B	Control supply transformer of each type & rating	Nos.	3		-		-	-	-	-
9	506-0111072-00-B	Power Contactor of each type and rating	Nos.	10		-		-	-	-	-
10	506-0111073-00-B	Coil for above contactor for each type and rating	Nos.	10		-		-	-	-	-
11	506-0111074-00-B	MCCBs (equally divided for all ratings)	Nos.	40		-		-	-	-	-
12	506-0111075-00-B	MPCBs (equally divided for all ratings)	Nos.	40		-		-	-	-	-
13	506-0111076-00-B	Closing coil of each type of each rating	Nos.	10		-		-	-	-	-
14	506-0111077-00-B	Trip coil of each type of each rating	Nos.	10		-		-	-	-	-
15	506-0111078-00-B	Aux contact set of each type and Rating	Sets.	6		-		-	-	-	-
16	506-0111079-00-B	Fixed contact set of each type & rating	Sets.	3		-		-	-	-	-
17	506-0111080-00-B	Moving contact set of each type & rating	Sets.	3		-		-	-	-	-
18	506-0111081-00-B	Maintenance tools and accessories for maintenance of LT MCC	Nos.	2		-		-	-	-	-
TOTAL OF ANNEXURE G =						-		-	-	-	-



ANNEXURE-H
MODULE UNIT PRICE

S.No.	Item Description	Quantity	Unit Price (INR)	Remarks
1	INCOMING FEEDER UNIT			
a)	ACB Incomer to PCC/PMCC from Trafo. - Module Type DAET (I/C)			
	1000A	1		
	1600A	1		
	2000A	1		
	2500A	1		
	3000A	1		
	4000A	1		
b)	ACB Incomer to MCC - Module Type DAE (I/C)			
	630A	1		
	800A	1		
	1000A	1		
	1250A	1		
	1600A	1		
	2000A	1		
	2500A	1		
	3000A	1		
	4000A	1		
c)	ACB Incomer to Emergency Board - Module Type DG(I/C)			
	800A	1		
	1000A	1		
	1250A	1		
	1600A	1		
	2000A	1		
	2500A	1		
	3000A	1		
	4000A	1		
d)	MCCB Incomer for MCC / ACDB – Module Type E3 (I/C)			
	63A – Fixed Type	1		
	125A – Fixed Type	1		
	160A – Fixed Type	1		
	200A – Fixed Type	1		
	250A – Fixed Type	1		
	300A – Fixed Type	1		
	400A – Fixed Type	1		
	63A – Drawout Type	1		
	125A – Drawout Type	1		
	160A – Drawout Type	1		
	200A – Drawout Type	1		
	250A – Drawout Type	1		
	300A – Drawout Type	1		
	400A – Drawout Type	1		
e)	MCCB Incomer with contactor changeover – Module Type CC			
	16A – Fixed Type	1		
	32A – Fixed Type	1		
	63A – Fixed Type	1		
	125A – Fixed Type	1		
	200A – Fixed Type	1		
	250A – Fixed Type	1		
	300A – Fixed Type	1		
	400A – Fixed Type	1		
	16A – Drawout Type	1		
	32A – Drawout Type	1		
	63A – Drawout Type	1		
	125A – Drawout Type	1		
	200A – Drawout Type	1		
	250A – Drawout Type	1		
	300A – Drawout Type	1		



ANNEXURE-H
MODULE UNIT PRICE

	400A – Drawout Type	1		
f)	220V DCDB Incomer from charger - Module type CH (I/C)			
	50A – CH Fixed Type	1		
	100A – CH Fixed Type	1		
	125A – CH Fixed Type	1		
	150A – CH Fixed Type	1		
	200A – CH Fixed Type	1		
	300A – CH Fixed Type	1		
	400A – CH Fixed Type	1		
	450A – CH Fixed Type	1		
	500A – CH Fixed Type	1		
	630A – CH Fixed Type	1		
	800A – CH Fixed Type	1		
	1000A – CH Fixed Type	1		
	1250A – CH Fixed Type	1		
	1600A – CH Fixed Type	1		
	50A – CH Drawout Type	1		
	100A – CH Drawout Type	1		
	125A – CH Drawout Type	1		
	150A – CH Drawout Type	1		
	200A – CH Drawout Type	1		
	300A – CH Drawout Type	1		
	400A – CH Drawout Type	1		
	450A – CH Drawout Type	1		
	500A – CH Drawout Type	1		
	630A – CH Drawout Type	1		
	800A – CH Drawout Type	1		
	1000A – CH Drawout Type	1		
	1250A – CH Drawout Type	1		
	1600A – CH Drawout Type	1		
g)	220V DCDB Incomer from battery - Module type DB (I/C)			
	50A – DB Fixed Type	1		
	100A – DB Fixed Type	1		
	125A – DB Fixed Type	1		
	150A – DB Fixed Type	1		
	200A – DB Fixed Type	1		
	300A – DB Fixed Type	1		
	400A – DB Fixed Type	1		
	450A – DB Fixed Type	1		
	500A – DB Fixed Type	1		
	630A – DB Fixed Type	1		
	800A – DB Fixed Type	1		
	1000A – DB Fixed Type	1		
	1250A – DB Fixed Type	1		
	1600A – DB Fixed Type	1		
	50A – DB Drawout Type	1		
	100A – DB Drawout Type	1		
	125A – DB Drawout Type	1		
	150A – DB Drawout Type	1		
	200A – DB Drawout Type	1		
	300A – DB Drawout Type	1		
	400A – DB Drawout Type	1		
	450A – DB Drawout Type	1		
	500A – DB Drawout Type	1		
	630A – DB Drawout Type	1		
	800A – DB Drawout Type	1		
	1000A – DB Drawout Type	1		
	1250A – DB Drawout Type	1		
	1600A – DB Drawout Type	1		
2	BUSCOUPLER UNIT			



ANNEXURE-H
MODULE UNIT PRICE

a)	ACB Buscoupler to PCC/PMCC/MCC - Module Type DAET/ DAE (B/C)			
	630A	1		
	800A	1		
	1000A	1		
	1250A	1		
	1600A	1		
	2000A	1		
	2500A	1		
	3000A	1		
	4000A	1		
b)	MCCB Buscoupler for MCC / ACDB – Module Type E3 (B/C)			
	63A – Fixed Type	1		
	125A – Fixed Type	1		
	160A – Fixed Type	1		
	200A – Fixed Type	1		
	250A – Fixed Type	1		
	300A – Fixed Type	1		
	400A – Fixed Type	1		
	63A – Drawout Type	1		
	125A – Drawout Type	1		
	160A – Drawout Type	1		
	200A – Drawout Type	1		
	250A – Drawout Type	1		
	300A – Drawout Type	1		
	400A – Drawout Type	1		
c)	220V DCDB buscoupler - Module Type - DC			
	50A – DC Fixed Type	1		
	100A – DC Fixed Type	1		
	125A – DC Fixed Type	1		
	150A – DC Fixed Type	1		
	200A – DC Fixed Type	1		
	300A – DC Fixed Type	1		
	400A – DC Fixed Type	1		
	450A – DC Fixed Type	1		
	500A – DC Fixed Type	1		
	630A – DC Fixed Type	1		
	800A – DC Fixed Type	1		
	1000A – DC Fixed Type	1		
	1250A – DC Fixed Type	1		
	1600A – DC Fixed Type	1		
	50A – DC Drawout Type	1		
	100A – DC Drawout Type	1		
	125A – DC Drawout Type	1		
	150A – DC Drawout Type	1		
	200A – DC Drawout Type	1		
	300A – DC Drawout Type	1		
	400A – DC Drawout Type	1		
	450A – DC Drawout Type	1		
	500A – DC Drawout Type	1		
	630A – DC Drawout Type	1		
	800A – DC Drawout Type	1		
	1000A – DC Drawout Type	1		
	1250A – DC Drawout Type	1		
	1600A – DC Drawout Type	1		
d)	220V DCDB TIE - Module Type - HD			
	50A – HD Fixed Type	1		
	100A – HD Fixed Type	1		
	125A – HD Fixed Type	1		
	150A – HD Fixed Type	1		
	200A – HD Fixed Type	1		



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MODULE UNIT PRICE

	300A – HD Fixed Type	1		
	400A – HD Fixed Type	1		
	450A – HD Fixed Type	1		
	500A – HD Fixed Type	1		
	630A – HD Fixed Type	1		
	800A – HD Fixed Type	1		
	1000A – HD Fixed Type	1		
	1250A – HD Fixed Type	1		
	1600A – HD Fixed Type	1		
	50A – HD Drawout Type	1		
	100A – HD Drawout Type	1		
	125A – HD Drawout Type	1		
	150A – HD Drawout Type	1		
	200A – HD Drawout Type	1		
	300A – HD Drawout Type	1		
	400A – HD Drawout Type	1		
	450A – HD Drawout Type	1		
	500A – HD Drawout Type	1		
	630A – HD Drawout Type	1		
	800A – HD Drawout Type	1		
	1000A – HD Drawout Type	1		
	1250A – HD Drawout Type	1		
	1600A – HD Drawout Type	1		
3	ACB outgoing supply feeder - Module Type DAE (O/G)/DAE-TIE			
	630A	1		
	800A	1		
	1000A	1		
	1250A	1		
	1600A	1		
	2000A	1		
	2500A	1		
	3000A	1		
	4000A	1		
4	ACB outgoing motor feeder - Module Type DM/PM/AM (controlled from DDCMIS/PLC/ATRS)			
	90- 200KW	1		
5	MCCB outgoing supply feeders			
a)	Module Type E3(O/G)			
	16A - Fixed type	1		
	32A - Fixed type	1		
	63A - Fixed type	1		
	100A - Fixed type	1		
	125A - Fixed type	1		
	160A - Fixed type	1		
	200A - Fixed type	1		
	250A - Fixed type	1		
	300A - Fixed type	1		
	400A - Fixed type	1		
	16A - Drawout Type	1		
	32A - Drawout Type	1		
	63A - Drawout Type	1		
	100A - Drawout Type	1		
	125A - Drawout Type	1		
	160A - Drawout Type	1		
	200A - Drawout Type	1		
	250A - Drawout Type	1		
	300A - Drawout Type	1		
	400A - Drawout Type	1		
b)	Module Type E3-TP (O/G)			
	16A - Fixed type	1		
	32A - Fixed type	1		



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MODULE UNIT PRICE

	63A - Fixed type	1		
	100A - Fixed type	1		
	125A - Fixed type	1		
	160A - Fixed type	1		
	200A - Fixed type	1		
	250A - Fixed type	1		
	300A - Fixed type	1		
	400A - Fixed type	1		
	16A - Drawout Type	1		
	32A - Drawout Type	1		
	63A - Drawout Type	1		
	100A - Drawout Type	1		
	125A - Drawout Type	1		
	160A - Drawout Type	1		
	200A - Drawout Type	1		
	250A - Drawout Type	1		
	300A - Drawout Type	1		
	400A - Drawout Type	1		
c)	Module Type ES3 (O/G)			
	63A - Fixed type	1		
	100A - Fixed type	1		
	125A - Fixed type	1		
	160A - Fixed type	1		
	200A - Fixed type	1		
	250A - Fixed type	1		
	400A - Fixed type	1		
	63A - Drawout Type	1		
	100A - Drawout Type	1		
	125A - Drawout Type	1		
	160A - Drawout Type	1		
	200A - Drawout Type	1		
	250A - Drawout Type	1		
	400A - Drawout Type	1		
d)	2-ph feeder Module Type E2(O/G)			
	100A - Fixed type	1		
	160A - Fixed type	1		
	200A - Fixed type	1		
	250A - Fixed type	1		
	300A - Fixed type	1		
	400A - Fixed type	1		
	100A - Drawout Type	1		
	160A - Drawout Type	1		
	200A - Drawout Type	1		
	250A - Drawout Type	1		
	300A - Drawout Type	1		
	400A - Drawout Type	1		
e)	Double pole 1-ph feeder Module Type E1(O/G)			
	16A - Fixed type	1		
	32A - Fixed type	1		
	63A - Fixed type	1		
	100A - Fixed type	1		
	125A - Fixed type	1		
	16A - Drawout Type	1		
	32A - Drawout Type	1		
	63A - Drawout Type	1		
	100A - Drawout Type	1		
	125A - Drawout Type	1		
f)	3-Ph MCCB controlled outgoing contactor feeder with IMC Module Type EA3(O/G)			
	16A - Fixed type	1		
	32A - Fixed type	1		
	63A - Fixed type	1		
	100A - Fixed type	1		



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MODULE UNIT PRICE

	125A - Fixed type	1		
	200A - Fixed type	1		
	250A - Fixed type	1		
	400A - Fixed type	1		
	16A - Drawout Type	1		
	32A - Drawout Type	1		
	63A - Drawout Type	1		
	100A - Drawout Type	1		
	125A - Drawout Type	1		
	200A - Drawout Type	1		
	250A - Drawout Type	1		
	400A - Drawout Type	1		
g)	3-Ph MCCB controlled outgoing contactor feeder with IMC Module Type EA3-H (O/G)			
	16A - Fixed type	1		
	32A - Fixed type	1		
	63A - Fixed type	1		
	100A - Fixed type	1		
	125A - Fixed type	1		
	200A - Fixed type	1		
	250A - Fixed type	1		
	400A - Fixed type	1		
	16A - Drawout Type	1		
	32A - Drawout Type	1		
	63A - Drawout Type	1		
	100A - Drawout Type	1		
	125A - Drawout Type	1		
	200A - Drawout Type	1		
	250A - Drawout Type	1		
	400A - Drawout Type	1		
h)	3-Ph MCCB controlled outgoing contactor feeder without IMC Module Type ET3(O/G)			
	16A - Fixed type	1		
	32A - Fixed type	1		
	63A - Fixed type	1		
	100A - Fixed type	1		
	125A - Fixed type	1		
	200A - Fixed type	1		
	250A - Fixed type	1		
	400A - Fixed type	1		
	16A - Drawout Type	1		
	32A - Drawout Type	1		
	63A - Drawout Type	1		
	100A - Drawout Type	1		
	125A - Drawout Type	1		
	200A - Drawout Type	1		
	250A - Drawout Type	1		
	400A - Drawout Type	1		
i)	1-Ph MCCB controlled outgoing contactor feeder Module Type EA1(O/G)			
	16A - Fixed type	1		
	32A - Fixed type	1		
	63A - Fixed type	1		
	16A - Drawout Type	1		
	32A - Drawout Type	1		
	63A - Drawout Type	1		
j)	220V DC Outgoing MCCB Type (X) Feeder			
	16A - Fixed type	1		
	32A - Fixed type	1		
	63A - Fixed type	1		
	100A - Fixed type	1		
	125A - Fixed type	1		
	200A - Fixed type	1		



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	250A - Fixed type	1		
	300A - Fixed type	1		
	400A - Fixed type	1		
	600A - Fixed type	1		
	800A - Fixed type	1		
	16A - Drawout Type	1		
	32A - Drawout Type	1		
	63A - Drawout Type	1		
	100A - Drawout Type	1		
	125A - Drawout Type	1		
	200A - Drawout Type	1		
	250A - Drawout Type	1		
	300A - Drawout Type	1		
	400A - Drawout Type	1		
	600A - Drawout Type	1		
	800A - Drawout Type	1		
6	DOL Motor Starter - Unidirectional Drive - Drawout Type			
a)	Module Type DK2 / PK2 / AK2 (controlled from DDCMIS/PLC/ATRS)			
	Upto 5.5KW	1		
	5.6 - 7.0KW	1		
	7.1 - 13KW	1		
	13.1 - 24KW	1		
	24.1 - 29.9KW	1		
b)	Module Type DK2-H / PK2-H / AK2-H (Hardwired- controlled from DDCMIS/PLC/ATRS)			
	Upto 5.5KW	1		
	5.6 - 7.0KW	1		
	7.1 - 13KW	1		
	13.1 - 24KW	1		
	24.1 - 29.9KW	1		
c)	Module Type DK21 / PK21 / AK21 (controlled from DDCMIS/PLC/ATRS)			
	30.0 - 37.0KW	1		
	37.1 - 55KW	1		
	55.1 - 80.0KW	1		
	80.1 - 89.9KW	1		
d)	Module Type DK21-H / PK21-H / AK21-H (Hardwired-controlled from DDCMIS/PLC/ATRS)			
	30.0 - 37.0KW	1		
	37.1 - 55KW	1		
	55.1 - 80.0KW	1		
	80.1 - 89.9KW	1		
e)	Module Type DK2E/PK2E/AK2E (Reacceleration) (controlled from DDCMIS/PLC/ATRS)			
	Upto 5.5KW	1		
	5.6 - 7.0KW	1		
	7.1 - 13KW	1		
	13.1 - 24KW	1		
	24.1 - 29.9KW	1		
f)	Module Type DK2E-H/PK2E-H/AK2E-H (Reacceleration) (Hardwired-controlled from DDCMIS/PLC/ATRS)			
	Upto 5.5KW	1		
	5.6 - 7.0KW	1		
	7.1 - 13KW	1		
	13.1 - 24KW	1		
	24.1 - 29.9KW	1		
g)	Module Type DK21E/PK21E/AK21E (Reacceleration) (controlled from DDCMIS/PLC/ATRS)			
	30.0 - 37.0KW	1		
	37.1 - 55KW	1		
	55.1 - 80.0KW	1		



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MODULE UNIT PRICE

	80.1 - 89.9KW	1		
h)	Module Type DK21E-H/PK21E-H/AK21E-H (Reacceleration) (Hardwired-controlled from DDCMIS/PLC/ATRS)			
	30.0 - 37.0KW	1		
	37.1 - 55KW	1		
	55.1 - 80.0KW	1		
	80.1 - 89.9KW	1		
i)	Module Type K2 (Controlled from LCP)			
	Upto 5.5KW	1		
	5.6 - 7.0KW	1		
	7.1 - 13KW	1		
	13.1 - 24KW	1		
	24.1 - 29.9KW	1		
j)	Module Type K21 (Controlled from LCP)			
	30.0 - 37.0KW	1		
	37.1 - 55KW	1		
	55.1 - 80.0KW	1		
	80.1 - 89.9KW	1		
k)	Module Type K3 (Controlled from LPBS)			
	Upto 5.5KW	1		
	5.6 - 7.0KW	1		
	7.1 - 13KW	1		
	13.1 - 24KW	1		
	24.1 - 29.9KW	1		
l)	Module Type K31 (Controlled from LPBS)			
	30.0 - 37.0KW	1		
	37.1 - 55KW	1		
	55.1 - 80.0KW	1		
	80.1 - 89.9KW	1		
7	RDOL Motor Starter - Bidirectional Drive - Drawout Type			
a)	Module Type DN1/ PN1/ AN1 (controlled from DDCMIS/PLC/ATRS)			
	Upto 5.5KW	1		
	5.6 - 7.0KW	1		
	7.1 - 13KW	1		
	13.1 - 24KW	1		
	24.1 - 29.9KW	1		
	30.0 - 37.0KW	1		
	37.1 - 55KW	1		
	55.1 - 80.0KW	1		
	80.1 - 89.9KW	1		
8.1	Rapping Motor (RM1) Module with IMC	1		
8.2	Rapping Motor (RM2) Module with OLR	1		
9	DUST DENSITY MONITOR (DDM) Module	1		
10	HOPPER HEATER (HH) Module	1		
11	SUPPORT INSULATOR HEATER (HI) Module	1		
12	SHAFT INSULATOR HEATER (HS) Module	1		
13	Ash Level Indicator (ALI) Module	1		
14	ARECA MARSHALING (ARECA) Module	1		
15	WAVE LEVEL TRANSMITTER (WLT) Module	1		
16	MARSHALING MODULE FOR SSPB OF RAPPING MOTOR AND HOPPER HEATER FEEDBACK (MM)	1		
17	WALL BLOWER Module	1		
18	LR BLOWER Module	1		
19	AH BLOWER Module	1		



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MODULE UNIT PRICE

20	JAMMING RELAY Module	1		
21	Wireless Temperature Sensor (WTS1) Module (In one ACB/PCC panel with single ACB)	1		
22	Wireless Temperature Sensor (WTS2) Module (In one ACB panel with double ACB)	1		
23	Wireless Temperature Sensor (WTS3) Module (In one Double front MCC panel)	1		
24	Common Auxiliary Module			
	a) PT module			
	i) Bus PT module for PCC/PMCC - G1 Type	1		
	ii) Bus PT module for Emergency MCC - G2 Type	1		
	iii) Bus PT module for MCC/ACDB - VM Type	1		
	iv) Bus PT DCDB - S Type	1		
	b.1) 110V AC control supply module – Type CS (consisting of 415/110V control Trafo.)			
	1KVA	1		
	2KVA	1		
	2.5KVA	1		
	3KVA	1		
	5KVA	1		
	7.5KVA	1		
	10KVA	1		
	b.2) 240 V AC control supply module – type CS (consisting of 415/240V control Trafo.)			
	1KVA	1		
	2KVA	1		
	2.5KVA	1		
	3KVA	1		
	5KVA	1		
	7.5KVA	1		
	10KVA	1		
	b.3) 24V AC control supply module – Type CS (consisting of 415/24V control Trafo.)			
	250VA	1		
	500VA	1		
	1KVA	1		
	2KVA	1		
	2.5KVA	1		
	3KVA	1		
	5KVA	1		
	7.5KVA	1		
	10KVA	1		
	c) 240V AC motor space heater module	1		
	d) 220V DC supply module (for receiving 220V DC supply)	1		
	e) 24V DC supply module	1		
	f) Alarm module	1		
	g) 240 V AC Panel Space heating supply module – type SH (consisting of 415/240V control Trafo.)			
	1KVA	1		
	2KVA	1		
	2.5KVA	1		
	3KVA	1		
	5KVA	1		
	7.5KVA	1		
	10KVA	1		
	h) 240V AC SPACE HEATER SUPPLY MODULE- SHS	1		
25	Empty Panel with Horizontal & Vertical Busbar, Support & Auxiliary Busbar (4 Wire System)			
	a) PCC Panel (Single Front Drawout Type) Without Temperature Sensor			
	630 / 630A	1		
	1000 / 1000A	1		
	1250 / 1250A	1		
	1600 / 1600A	1		
	2000 / 2000A	1		



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MODULE UNIT PRICE

	2500 / 2500A	1		
	3000 / 3000A	1		
	4000 / 4000A	1		
b)	MCC Panel (Single Front Fixed Type)			
	63 / 63A	1		
	250 / 250A	1		
	400 / 400A	1		
	630 / 630A	1		
	800 / 630A	1		
	1000 / 630A	1		
	1250 / 630A	1		
	1600 / 630A	1		
	2000 / 630A	1		
	2500 / 630A	1		
	3000 / 630A	1		
	4000 / 630A	1		
c)	MCC Panel (Single Front Drawout Type)			
	63 / 63A	1		
	250 / 250A	1		
	400 / 400A	1		
	630 / 630A	1		
	800 / 630A	1		
	1000 / 630A	1		
	1250 / 630A	1		
	1600 / 630A	1		
	2000 / 630A	1		
	2500 / 630A	1		
	3000 / 630A	1		
	4000 / 630A	1		
d)	MCC Panel (Double Front Drawout Type)			
	63 / 63A	1		
	250 / 250A	1		
	400 / 400A	1		
	630 / 630A	1		
	800 / 630A	1		
	1000 / 630A	1		
	1250 / 630A	1		
	1600 / 630A	1		
	2000 / 630A	1		
	2500 / 630A	1		
	3000 / 630A	1		
	4000 / 630A	1		
e)	ACDB Panel (Double Front Fixed Type)			
	250 / 250A	1		
	400 / 400A	1		
	630 / 250A	1		
	630 / 630A	1		
f)	220V DCDB Panel (Single Front Fixed type) with 20kA, 1 second fault Level			
	UPTO 125A (with 125A VBB)	1		
	UPTO 630A (with 630A VBB)	1		
	1000A (with 630A VBB)	1		
	1600A (with 630A VBB)	1		
g)	220V DCDB Panel (Single Front Fixed type) with 40kA, 1 second fault Level			
	UPTO 125A (with 125A VBB)	1		
	UPTO 630A (with 630A VBB)	1		
	1000A (with 630A VBB)	1		
	1600A (with 630A VBB)	1		
h)	220V DCDB Panel (Double Front Fixed type) with 20kA, 1 second fault Level			
	UPTO 125A (with 125A VBB)	1		
	UPTO 630A (with 630A VBB)	1		
	1000A (with 630A VBB)	1		



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MODULE UNIT PRICE

	1250A (with 630A VBB)	1		
	1600A (with 630A VBB)	1		
i)	220V DCDB Panel (Double Front Fixed type) with 40kA, 1 second fault Level			
	UPTO 125A (with 125A VBB)	1		
	UPTO 630A (with 630A VBB)	1		
	1000A (with 630A VBB)	1		
	1250A (with 630A VBB)	1		
	1600A (with 630A VBB)	1		
j)	48V DCDB Panel (Single Front Fixed type)			
	UPTO 125A (with 125A VBB)	1		
	UPTO 200A (with 200A VBB)	1		
	UPTO 630A (with 630A VBB)	1		
k)	48V DCDB Panel (Double Front Fixed type)			
	UPTO 125A (with 125A VBB)	1		
	UPTO 200A (with 200A VBB)	1		
	UPTO 630A (with 630A VBB)	1		
l)	Empty ACB Panel with Horizontal & Vertical Busbar, Support & Auxiliary Busbar			
	630 / 630A	1		
	800 / 630A	1		
	800 / 800A	1		
	1000 / 630A	1		
	1000 / 800A	1		
	1000 / 1000A	1		
	1250 / 630A	1		
	1250 / 800A	1		
	1250 / 1000A	1		
	1250 / 1250A	1		
	1600 / 630A	1		
	1600 / 800A	1		
	1600 / 1000A	1		
	1600 / 1250A	1		
	1600 / 1600A	1		
	2000 / 630A	1		
	2000 / 800A	1		
	2000 / 1000A	1		
	2000 / 1250A	1		
	2000 / 1600A	1		
	2000 / 2000A	1		
	2500 / 630A	1		
	2500 / 800A	1		
	2500 / 1000A	1		
	2500 / 1250A	1		
	2500 / 1600A	1		
	2500 / 2000A	1		
	2500 / 2500A	1		
	3000 / 630A	1		
	3000 / 800A	1		
	3000 / 1000A	1		
	3000 / 1250A	1		
	3000 / 1600A	1		
	3000 / 2000A	1		
	3000 / 2500A	1		
	3000 / 3000A	1		
	4000 / 630A	1		
	4000 / 800A	1		
	4000 / 1000A	1		
	4000 / 1250A	1		
	4000 / 1600A	1		
	4000 / 2000A	1		



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MODULE UNIT PRICE

	4000 / 2500A	1		
	4000 / 3000A	1		
	4000 / 4000A	1		
26	Empty Panel with Horizontal & Vertical Busbar, Support & Auxiliary Busbar (3 Wire System)			
a)	PCC Panel (Single Front Drawout Type) Without Temperature Sensor			
	2000 / 2000A	1		
	3000 / 3000A	1		
b)	MCC Panel (Double Front Drawout Type)			
	2000 / 630A	1		
	3000 / 630A	1		
c)	ACDB Panel (Double Front Fixed Type)			
	250 / 250A	1		
	400 / 400A	1		
d)	Empty ACB Panel with Horizontal & Vertical Busbar, Support & Auxiliary Busbar			
	2000 / 630A	1		
	2000 / 800A	1		
	2000 / 1000A	1		
	2000 / 1250A	1		
	2000 / 1600A	1		
	2000 / 2000A	1		
	3000 / 630A	1		
	3000 / 800A	1		
	3000 / 1000A	1		
	3000 / 1250A	1		
	3000 / 1600A	1		
	3000 / 2000A	1		
	3000 / 2500A	1		
	3000 / 3000A	1		
27	Dummy Panel			
	UPTO 630A	1		
	800A	1		
	1000A	1		
	1250A	1		
	1600A	1		
	2000A	1		
	2500A	1		
	3000A	1		
	4000A	1		
28	Unit Prices For Circuit Components			
a)	Air Circuit Breaker without releases			
	630A ACB, 4P, EDO, AC	1		
	800A ACB, 4P, EDO, AC	1		
	1000A ACB, 4P, EDO, AC	1		
	1250A ACB, 4P, EDO, AC	1		
	1600A ACB, 4P, EDO, AC	1		
	2000A ACB, 4P, EDO, AC	1		
	2500A ACB, 4P, EDO, AC	1		
	3000A ACB, 4P, EDO, AC	1		
	4000A ACB, 4P, EDO, AC	1		
	630A ACB, 3P, EDO, AC	1		
	800A ACB, 3P, EDO, AC	1		
	1000A ACB, 3P, EDO, AC	1		
	1250A ACB, 3P, EDO, AC	1		
	1600A ACB, 3P, EDO, AC	1		
	2000A ACB, 3P, EDO, AC	1		
	2500A ACB, 3P, EDO, AC	1		
	3000A ACB, 3P, EDO, AC	1		
	4000A ACB, 3P, EDO, AC	1		
	800A ACB, 2P, MDO, DC	1		



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	1000A ACB, 2P, MDO, DC	1		
	1250A ACB, 2P, MDO, DC	1		
	1600A ACB, 2P, MDO, DC	1		
b)	MPCB, Short-Circuit Release			
	16A	1		
	25A	1		
	32A	1		
	63A	1		
	80A	1		
	115A	1		
c)	TP MCCB, 2NO+2NC AUX, FSC & O/L RELEASE			
	16A	1		
	25A	1		
	32A	1		
	63A	1		
	100A	1		
	125A	1		
	160A	1		
	200A	1		
	250A	1		
	315A	1		
	400A	1		
d)	TP MCCB, 2NO+2NC AUX, ADJ S/C & O/L RELEASE			
	16A	1		
	25A	1		
	32A	1		
	63A	1		
	100A	1		
	125A	1		
	160A	1		
	200A	1		
	250A	1		
	315A	1		
	400A	1		
e)	TP MCCB with LSIG release			
	200A	1		
	250A	1		
	300A	1		
	350A	1		
	400A	1		
f)	TP MCCB - Motorized with LSIG release			
	200A	1		
	250A	1		
	300A	1		
	350A	1		
	400A	1		
g)	Power contactor (AC) (With 2NO & 2NC Minimum)			
	16A	1		
	25A	1		
	32A	1		
	63A	1		
	80A	1		
	115A	1		
	150A	1		
	185A	1		
	265A	1		
	315A	1		
	400A	1		
i)	AC Aux. contactor With			
	2NO + 2NC	1		



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MODULE UNIT PRICE

	4NO + 4NC	1		
j)	DC Aux. contactor With			
	2NO + 2NC	1		
	4NO + 4NC	1		
k)	Protection Relay			
	VAGM 23	1		
	VTT 11	1		
	VAG 11	1		
	VAA 11	1		
	VAJHM 13	1		
	VAJHM 23	1		
	CAG 12	1		
	VDG 14	1		
	CAG 14	1		
	VAX 31	1		
	CAG 37	1		
	CAEM-21	1		
	VAG-21	1		
	VAJC-11	1		
	VAA21	1		
	VTT12	1		
	Numerical Relay for PHASE OVER CURRENT PROTECTION (50/51), EARTH FAULT PROTECTION (50N/51N), STAND BY EARTH FAULT PROTECTION (51NS), RESTRICTED EARTH FAULT PROTECTION (64R), BUS NO VOLT, FAULT LOCKOUT FUNCTION (86), UNDER VOLTAGE WITH TIMER (27M), SYNCHRONISING CHECK FUNCTION (25, CIRCUIT BREAKER FAILURE (50BF), RELAY SELF SUPERVISION, CIRCUIT BREAKER CONDITION MONITORING, TRIP CIRCUIT SUPERVISION (95), CURRENT TRANSFORMER SUPERVISION, VOLTAGE TRANSFORMER SUPERVISION, BREAKER CONTROL with I/L, DISTURBANCE RECORDING, FAULT RECORDING, EVENT RECORDING, MEASUREMENT FUNCTIONS (3I, Io, 3U, Uo, Hz, P, Q, E, PF)	1		
	Numerical Relay for PHASE OVER CURRENT PROTECTION (50/51), EARTH FAULT PROTECTION (50N/51N), STAND BY EARTH FAULT PROTECTION (51NS), RESTRICTED EARTH FAULT PROTECTION (64R), BUS NO VOLT, FAULT LOCKOUT FUNCTION (86), UNDER VOLTAGE WITH TIMER (27M), SYNCHRONISING CHECK FUNCTION (25, CIRCUIT BREAKER FAILURE (50BF), RELAY SELF SUPERVISION, CIRCUIT BREAKER CONDITION MONITORING, TRIP CIRCUIT SUPERVISION (95), CURRENT TRANSFORMER SUPERVISION, VOLTAGE TRANSFORMER SUPERVISION, BREAKER CONTROL with I/L, DISTURBANCE RECORDING, FAULT RECORDING, EVENT RECORDING, MEASUREMENT FUNCTIONS (3I, Io, 3U, Uo, Hz, P, Q, E, PF), MEASUREMENT AND DISPLAY OF HARMONIC CONTECT OF VOLTAGE & CURRENT	1		
	Numerical Relay for PHASE OVER CURRENT PROTECTION (50/51), EARTH FAULT PROTECTION (50N/51N), BUS NO VOLT, FAULT LOCKOUT FUNCTION (86), UNDER VOLTAGE WITH TIMER (27M), SYNCHRONISING CHECK FUNCTION (25, CIRCUIT BREAKER FAILURE (50BF), RELAY SELF SUPERVISION, CIRCUIT BREAKER CONDITION MONITORING, TRIP CIRCUIT SUPERVISION (95), CURRENT TRANSFORMER SUPERVISION, VOLTAGE TRANSFORMER SUPERVISION, BREAKER CONTROL with I/L, DISTURBANCE RECORDING, FAULT RECORDING, EVENT RECORDING, MEASUREMENT FUNCTIONS (3I, Io, 3U, Uo, Hz, P, Q, E, PF)	1		



ANNEXURE-H
MODULE UNIT PRICE

	Numerical Relay for PHASE OVER CURRENT PROTECTION (50/51), EARTH FAULT PROTECTION (50N/51N), RESTRICTED EARTH FAULT PROTECTION (64R), BUS NO VOLT, FAULT LOCKOUT FUNCTION (86), UNDER VOLTAGE WITH TIMER (27M), SYNCHRONISING CHECK FUNCTION (25), CIRCUIT BREAKER FAILURE (50BF), DIFFERENTIAL PROTECTION (87) (HIGH IMPEDANCE), REVERSE POWER PROTECTION, DG NEUTRAL DISPLACEMENT (59), DG MONITORING, RELAY SELF SUPERVISION, CIRCUIT BREAKER CONDITION MONITORING, TRIP CIRCUIT SUPERVISION (95), CURRENT TRANSFORMER SUPERVISION, VOLTAGE TRANSFORMER SUPERVISION, BREAKER CONTROL with I/L, DISTURBANCE RECORDING, FAULT RECORDING, EVENT RECORDING, MEASUREMENT FUNCTIONS (3I, Io, 3U, Uo, Hz, P, Q, E, PF)	1		
	Numerical Relay for PHASE OVER CURRENT PROTECTION (50/51), EARTH FAULT PROTECTION (50N/51N), STALLING/ LOCKED ROTOR PROTECTION (50L/R), THERMAL OVERLOAD PROTECTION (49), NEGATIVE PHASE SEQUENCE PROTECTION (46), BUS NO VOLT, REPETITIVE START PROTECTION (66), FAULT LOCKOUT FUNCTION (86), UNDER VOLTAGE WITH TIMER (27M), MOTOR DIFFERENTIAL PROTECTION (87M), CIRCUIT BREAKER FAILURE (50BF), PHASE REVERSAL PROTECTION (46R), CURRENT UNBALANCE PROTECTION, RELAY SELF SUPERVISION, CIRCUIT BREAKER CONDITION MONITORING, TRIP CIRCUIT SUPERVISION (95), CURRENT TRANSFORMER SUPERVISION, VOLTAGE TRANSFORMER SUPERVISION, BREAKER CONTROL with I/L, DISTURBANCE RECORDING, FAULT RECORDING, EVENT RECORDING, MEASUREMENT FUNCTIONS (3I, Io, 3U, Uo, Hz, P, Q, E, PF)	1		
	OVERLOAD RELAY, NOMINAL VOLTAGE-48V DC, O/V VLTAGE SETTING-110%, 1/4NV, 1NO+1NC S/R	1		
	ELECTRONIC TYPE JAMMING RELAY	1		
	l) IMC & its modules for Unidirectional Drive			
1.1	IMC Upto 5.5KW	1		
1.2	Current Sensing Module for above (if not Integral in IMC Module)	1		
2.1	IMC for 5.6 - 7.0KW	1		
2.2	Current Sensing Module for above (if not Integral in IMC Module)	1		
3.1	IMC for 7.1 - 13KW	1		
3.2	Current Sensing Module for above (if not Integral in IMC Module)	1		
4.1	IMC for 13.1 - 24KW	1		
4.2	Current Sensing Module for above (if not Integral in IMC Module)	1		
5.1	IMC for 24.1 - 29.9KW	1		
5.2	Current Sensing Module for above (if not Integral in IMC Module)	1		
6.1	IMC for 30.0 - 37.0KW	1		
6.2	Current Sensing Module for above (if not Integral in IMC Module)	1		
6.3	Voltage Sensing Module for above (if not Integral in IMC Module)	1		
7.1	IMC for 37.1 - 55KW	1		
7.2	Current Sensing Module for above (if not Integral in IMC Module)	1		
7.3	Voltage Sensing Module for above (if not Integral in IMC Module)	1		
8.1	IMC for 55.1 - 80.0KW	1		
8.2	Current Sensing Module for above (if not Integral in IMC Module)	1		
8.3	Voltage Sensing Module for above (if not Integral in IMC Module)	1		
9.1	IMC for 80.1 - 89.9KW	1		
9.2	Current Sensing Module for above (if not Integral in IMC Module)	1		
9.3	Voltage Sensing Module for above (if not Integral in IMC Module)	1		
10	Expansion Module for IMC	1		
	m) Timer (DC)			
	ON DELAY TIMER, 0.5-5SEC., 220V DC, 2NO+2NC	1		
	ON DELAY TIMER, 1.0-10SEC. 220V DC, 2NO+2NC	1		
	240VAC ON DELAY TIMER(1-10SECS)WITH 1NO	1		
	220VDC ON DELAY TIMER(.5-5SECS) WITH 1NO	1		
	220VDC ON DELAY TIMER(0.5-5SECS)WITH 3NO	1		
	220VDC ON DELAY TIMER(1-10SECS) WITH 3NO	1		
	n) Meter			
	AC ammeter (Digital)	1		



ANNEXURE-H
MODULE UNIT PRICE

	AC ammeter (Analog) linear scale	1		
	AC ammeter (Analog) compressed scale	1		
	DC ammeter (Digital)	1		
	DC ammeter (Analog)	1		
	DC ammeter with shunt and center zero	1		
	AC voltmeter (Digital)	1		
	DC voltmeter (Analog)	1		
	Wattmeter (3 Phase)	1		
	Wattmeter (1 Phase)	1		
	TVM meter	1		
	DIGITAL ENERGY METER	1		
	Frequency meter	1		
	Multifunction digital Energy meter with RS485 Port (0.2 Acc. Class)	1		
	Multifunction digital Energy meter with RS485 Port (0.5 Acc. Class)	1		
	Multifunction digital Energy meter with RS485 Port (1.0 Acc. Class)	1		
	ABT meter (0.2S Acc. Class)	1		
o)	Single Phase Preventor Relay	1		
p)	MCB			
	6A, 4P 415V AC	1		
	10A, 4P 415V AC	1		
	16A, 4P 415V AC	1		
	6A DP, 240V AC	1		
	10A DP, 240V AC	1		
	16A DP, 240V AC	1		
	32A DP, 240V AC	1		
	6A DP, 110V AC	1		
	10A DP, 110V AC	1		
	16A DP, 110V AC	1		
	32A DP, 110V AC	1		
	6A DP, 220V DC	1		
	10A DP, 220V DC	1		
	16A DP, 220V DC	1		
	6A SP, 240V AC	1		
	10A SP, 240V AC	1		
	16A SP, 240V AC	1		
	32A SP, 240V AC	1		
	6A SP, 110V AC	1		
	10A SP, 110V AC	1		
	16A SP, 110V AC	1		
	32A SP, 110V AC	1		
	6A SP, 220V DC	1		
	10A SP, 220V DC	1		
	16A SP, 220V DC	1		
q)	SWITCH & PUSH BUTTON			
	BREAKER CONTROL SWITCH, 16A,220V DC, 2CLOSE+2TRIP	1		
	DC ISOLATING SWITCH 16A,220V DC, DP, BASE MTG.	1		
	16A, 240V AC SELECTOR SWITCH 3WAY, 4POLE, FLUSH MTG	1		
	25A, 240V AC SELECTOR SWITCH 3WAY, 4POLE, FLUSH MTG	1		
	16A, 240V AC SELECTOR SWITCH 2WAY, 2POLE, FLUSH MTG	1		
	NORMAL/ TRIAL SEL. SWITCH, 2POLE , 2WAY, 10A 240V AC, FLUSH MTG,	1		
	MCC/ NORMAL/ TRIAL SEL. SWITCH, 2POLE ,3WAY, 10A 240V AC, FLUSH MTG	1		
	SWGR/ REMOTE SEL. SWITCH 3POLE 2WAY,16A 220V DC, FLUSH MTG	1		
	SWGR/ NORMAL/ TRIAL SEL. SWITCH, 3POLE, 3WAY, 16A 220V DC, FLUSH MTG.	1		
	NORMAL/ TRIAL SEL. SWITCH, 2POLE , 2WAY, 10A 240V AC, FLUSH MTG, LOCKABEL TYPE	1		
	MCC/ NORMAL/ TRIAL SEL. SWITCH, 2POLE ,3WAY, 10A 240V AC, FLUSH MTG, LOCKABEL TYPE	1		



ANNEXURE-H
MODULE UNIT PRICE

	SWGR/ REMOTE SEL. SWITCH 3POLE 2WAY,16A 220V DC, FLUSH MTG.LOCKABLE TYPE	1		
	SWGR/ NORMAL/ TRIAL SEL. SWITCH, 3POLE, 3WAY, 16A 220V DC, FLUSH MTG., LOCKABLE TYPE	1		
	AMMETER SELECTOR SWITCH	1		
	VOLTMETER SELECTOR SWITCH	1		
	TOGGLE SWITCH 5A, 240V AC	1		
	AC SWITCH SPST-5A,240V AC	1		
	10A, 220V DC SWITCH	1		
	Door Limit switch	1		
	Ammeter selector switch	1		
	Voltmeter selector switch	1		
	Trip selector switch	1		
	Push Button	1		
	2NO + 2NC Shrouded	1		
	1NO + 1NC Shrouded	1		
	2NO + 2NC Mushroom head stayput	1		
	2NO + 2NC Lockable type	1		
	r) Indicating Lamp Assembly (LED Type)			
	240V AC-GREEN	1		
	240V AC-RED	1		
	240V AC- AMBER	1		
	110V AC-GREEN	1		
	110V AC-RED	1		
	110V AC- AMBER	1		
	220V DC-WHITE	1		
	220V DC-RED	1		
	220V DC-GREEN	1		
	220V DC-BLUE	1		
	220V DC- AMBER	1		
	63.5V AC-RED	1		
	63.5V AC-YELLOW	1		
	63.5V AC-BLUE	1		
	s) CT			
	i) Metering CT			
	Upto 75/1A	1		
	100/1A	1		
	125/1A	1		
	150/1A	1		
	200/1A	1		
	250/1A	1		
	300/1A	1		
	400/1A	1		
	500/1A	1		
	630/1A	1		
	800/1A	1		
	1000/1A	1		
	1250/1A	1		
	1600/1A	1		
	2000/1A	1		
	2500/1A	1		
	3000/1A	1		
	4000/1A	1		
	ii) Protection CT (5P20)			
	Upto 75/1A	1		
	100/1A	1		
	125/1A	1		
	150/1A	1		
	200/1A	1		
	250/1A	1		
	300/1A	1		



ANNEXURE-H
MODULE UNIT PRICE

	400/1A	1		
	500/1A	1		
	630/1A	1		
	800/1A	1		
	1000/1A	1		
	1250/1A	1		
	1600/1A	1		
	2000/1A	1		
	2500/1A	1		
	3000/1A	1		
	4000/1A	1		
	630/5A	1		
	800/5A	1		
	1000/5A	1		
	1250/5A	1		
	1600/5A	1		
	2000/5A	1		
	2500/5A	1		
	3000/5A	1		
	4000/5A	1		
iii)	PS Class CT			
	1000/1A	1		
	1600/1A	1		
	2000/1A	1		
	2500/1A	1		
	3000/1A	1		
	4000/1A	1		
	1000/5A	1		
	1600/5A	1		
	2000/5A	1		
	2500/5A	1		
	3000/5A	1		
	4000/5A	1		
t)	Voltage Transformer			
	415/√3 : 110/√3 3V, 50VA	1		
	415/√3 : 110/√3 V, 100VA	1		
	415/√3 : 240/√3 V, 50VA	1		
	415/√3 : 240/√3 V, 100VA	1		
	415 : 110V, 50VA	1		
	415 : 110V, 100VA	1		
	415 : 240V, 50VA	1		
	415 : 240V, 100VA	1		
u)	Toggle switch (16A)	1		
v)	Secondary Isolating Contact Block	1		
w)	Control Terminal (Fixed)	1		
x)	Control Terminal (Drawout)	1		
y)	Thermostat, Dial type	1		
z)	CONTROL TRANSFORMER			
	415/240V,CL-B, 1 KVA	1		
	415/240V,CL-B, 2KVA	1		
	415/240V,CL-B, 2.5KVA	1		
	415/240V,CL-B, 3KVA	1		
	415/240V,CL-B, 5KVA	1		
	415/240V,CL-B, 7.5KVA	1		
	415/240V,CL-B, 10KVA	1		
	415/110V,CL-B, 1 KVA	1		
	415/110V,CL-B, 2KVA	1		
	415/110V,CL-B, 2.5KVA	1		
	415/110V,CL-B, 3KVA	1		
	415/110V,CL-B, 5KVA	1		



ANNEXURE-H
MODULE UNIT PRICE

	415/110V,CL-B, 7.5KVA	1		
	415/110V,CL-B, 10KVA	1		
aa)	415/110V,CL-B, 10KVA			
	4-20mA Dual o/p, Aux sup 220V DC, 1A, Current Transducer	1		
	4-20mA Dual o/p, Aux sup 240V AC, 1A, Current Transducer	1		
	4-20mA Dual o/p, Aux sup 110V AC, 1A, Current Transducer	1		
	4-20mA Dual o/p, Aux sup 220V DC, VoltageTransducer, PTR 415/110V	1		
	4-20mA Dual o/p, Aux sup 240V AC, VoltageTransducer, PTR 415/110V	1		
	4-20mA Dual o/p, Aux sup 110V AC, VoltageTransducer, PTR 415/110V	1		
	4-20mA Dual o/p, Aux sup 220V DC, FrequencyTransducer, PTR 415/110V	1		
	4-20mA Dual o/p, Aux sup 220V DC, Input 0-75mV DC, Current Transducer-DC	1		
	4-20mA Dual o/p, Aux sup 240V AC, Input Voltage 0-220V DC, Voltage Transducer-DC	1		
	4-20mA Dual Output kW transducer	1		
	4-20mA Dual Output kVA transducer	1		
	4-20mA Dual Output PF transducer	1		
	4-20mA Dual Output Frequency transducer	1		
ab)	Interposing relay RE 302 or Eqvt with freewheeling diode & LED	1		
ac)	3 PIN SOCKET - 5A, 110V AC, 3PIN	1		
ad)	SPACE HEATER	1		
ae)	NEUTRAL LINK WITH MOUNTING ASSEMBLY			
	20A FOR CONTROL CKT. & POWER CKT. UPTO 25A MCCB RATING	1		
	32A FOR 50A MCCB RATING	1		
	63A FOR 100A & 125A MCCB RATING	1		
	125A FOR 250A MCCB RATING	1		
	250A FOR 400A & 500A MCCB RATING	1		
af)	CASTLE KEY INTERLOCK FOR MCCB - 3LOCK+2KEY	1		
ag)	MECHANICAL INTERLOCK FOR POWER CONTACTOR			
	16A	1		
	25A	1		
	32A	1		
	63A	1		
	80A	1		
	115A	1		
	150A	1		
	185A	1		
	265A	1		
	315A	1		
	400A	1		
ah)	ADDON BLOCK FOR CONTACTOR			
	2NO+2NC	1		
	3NO+1NC	1		
	1NO + 1NC	1		
	1NO	1		
	1NC	1		
ai)	ISOLATOR WITH HANDLE			
	16A	1		
	32A	1		
29	Connection from PMCC/MCC panel to PMCC/MCC panel (per meter length)			
	250A	1		
	400A	1		
	630A	1		
	800A	1		
	1000A	1		
	1200A	1		



ANNEXURE-H
MODULE UNIT PRICE

	1600A	1		
	2000A	1		
	2500A	1		
	3000A	1		
	4000A	1		
30	Cable Glands & Lugs:			
a)	Single Compression Cable Glands for cable sizes:			
	2C X 2.5 Sq. mm.	1		
	3C X 2.5 Sq. mm.	1		
	5C X 2.5 Sq. mm.	1		
	7C X 2.5 Sq. mm.	1		
	10C X 2.5 Sq. mm.	1		
	14C X 2.5 Sq. mm.	1		
	2C X 10 Sq. mm.	1		
	2C X 16 Sq. mm.	1		
	2C X 25 Sq. mm.	1		
	2C X 35 Sq. mm.	1		
	2C X 50 Sq. mm.	1		
	2C X 70 Sq. mm.	1		
	2C X 95 Sq. mm.	1		
	3C X 2.5 Sq. mm.	1		
	3C X 10 Sq. mm.	1		
	3C X 16 Sq. mm.	1		
	3C X 25 Sq. mm.	1		
	3C X 35 Sq. mm.	1		
	3C X 50 Sq. mm.	1		
	3C X 70 Sq. mm.	1		
	3C X 95 Sq. mm.	1		
	3C X 150 Sq. mm.	1		
	3C X 240 Sq. mm.	1		
	3C X 300 Sq. mm.	1		
	3.5C X 25 Sq. mm.	1		
	3.5C X 50 Sq. mm.	1		
	3.5C X 70 Sq. mm.	1		
	3.5C X 95 Sq. mm.	1		
	3.5C X 240 Sq. mm.	1		
	3.5C X 300 Sq. mm.	1		
	4C X 16 Sq. mm.	1		
	4C X 35 Sq. mm.	1		
	1C X 300 Sq. mm.	1		
	1C X 630 Sq. mm.	1		
b)	Double Compression Cable Glands for cable sizes:			
	2C X 2.5 Sq. mm.	1		
	3C X 2.5 Sq. mm.	1		
	5C X 2.5 Sq. mm.	1		
	7C X 2.5 Sq. mm.	1		
	12C X 2.5 Sq. mm.	1		
	16C X 2.5 Sq. mm.	1		
	2C X 10 Sq. mm.	1		
	2C X 16 Sq. mm.	1		
	2C X 25 Sq. mm.	1		
	2C X 35 Sq. mm.	1		
	2C X 50 Sq. mm.	1		
	2C X 70 Sq. mm.	1		
	2C X 95 Sq. mm.	1		
	3C X 2.5 Sq. mm.	1		
	3C X 10 Sq. mm.	1		
	3C X 16 Sq. mm.	1		
	3C X 25 Sq. mm.	1		
	3C X 35 Sq. mm.	1		



ANNEXURE-H
MODULE UNIT PRICE

	3C X 50 Sq. mm.	1		
	3C X 70 Sq. mm.	1		
	3C X 95 Sq. mm.	1		
	3C X 150 Sq. mm.	1		
	3C X 240 Sq. mm.	1		
	3C X 300 Sq. mm.	1		
	3.5C X 25 Sq. mm.	1		
	3.5C X 50 Sq. mm.	1		
	3.5C X 70 Sq. mm.	1		
	3.5C X 95 Sq. mm.	1		
	3.5C X 240 Sq. mm.	1		
	3.5C X 300 Sq. mm.	1		
	4C X 16 Sq. mm.	1		
	4C X 35 Sq. mm.	1		
	1C X 300 Sq. mm.	1		
	1C X 630 Sq. mm.	1		
c)	Cable Lugs for sizes:			
	1.5 Sq. mm.	1		
	2.5 Sq. mm.	1		
	10 Sq. mm.	1		
	16 Sq. mm.	1		
	25 Sq. mm.	1		
	35 Sq. mm.	1		
	50 Sq. mm.	1		
	70 Sq. mm.	1		
	95 Sq. mm.	1		
	120 Sq. mm.	1		
	150 Sq. mm.	1		
	185 Sq. mm.	1		
	240 Sq. mm.	1		
	300 Sq. mm.	1		
	630 Sq. mm.	1		
31.1	Thermal O/L relay with SPP - OLR			
	Upto 5.5KW	1		
	5.6 to 7.0KW	1		
	7.1 to 13KW	1		
	13.1 to 24KW	1		
	24.1 to 29.9KW	1		
	30.0 to 37.0KW	1		
	37.1 to 55.0KW	1		
	55.1 to 80.0KW	1		
	80.1 to 89.9KW	1		
31.2	Heavy Duty Thermal O/L relay with SPP - OLR			
	Upto 5.5KW	1		
	5.6 to 7.0KW	1		
	7.1 to 13KW	1		
	13.1 to 24KW	1		
	24.1 to 29.9KW	1		
	30.0 to 37.0KW	1		
	37.1 to 55.0KW	1		
	55.1 to 80.0KW	1		
	80.1 to 89.9KW	1		
32	Daily 8 hour rate deployed at site:			
	Engineer : (per day)	1		
33	Module Name plate	1		
34	Wires for Secondary wiring:			
a)	1.5 Sq. mm. per meter	1		
b)	2.5 Sq. mm. per meter	1		
c)	4.0 Sq. mm. per meter	1		
35	Control Terminal for Secondary wiring suitable for cable size:			



ANNEXURE-H
MODULE UNIT PRICE

	1) 0.5 Sq. mm.	1		
	2) 1.5 Sq. mm.	1		
	3) 2.5 Sq. mm.	1		
36	Electrical Junction Boxes (for termination of 0.5 sqmm screened control cables)			
	a) 48 ways	1		
	b) 64 ways	1		
	c) 72 ways	1		
	a) 96 ways	1		
37	Temperature Sensor for WIRELESS TEMPERATURE MONITORING SENSOR	1		
38	Wireless Transmitter for WIRELESS TEMPERATURE MONITORING SENSOR	1		
39	Wireless Receiver for WIRELESS TEMPERATURE MONITORING SENSOR	1		
40	Additional components (except networking hardware mentioned in Sr. No. B3 of BOQ) required for completeness of WIRELESS TEMPERATURE MONITORING SENSOR	1		
41	DP MCCB, ADJ. SC & O/L Release:			
	16A	1		
	25A	1		
	32A	1		
	63A	1		
	100A	1		
	125A	1		
	160A	1		
	200A	1		
42	TP MCCB motor duty type with S/C release:			
	16A	1		
	25A	1		
	32A	1		
	63A	1		
	100A	1		
	125A	1		
	160A	1		
	200A	1		
	250A	1		
	400A	1		
43	TP MCCB ADJ S/C , O/L, E/F release:			
	16A	1		
	25A	1		
	32A	1		
	63A	1		
	80A	1		
	100A	1		
	125A	1		
	160A	1		
	200A	1		
	250A	1		
	400A	1		
44	DC MCCB			
	16A	1		
	25A	1		
	32A	1		
	63A	1		
	80A	1		
	115A	1		
	150A	1		
	185A	1		
	265A	1		
	315A	1		
	400A	1		
45	SWITCH FUSE UNIT (DC) - DP along with fuse, link etc complete (suitable for 40kA fault current)			



ANNEXURE-H
MODULE UNIT PRICE

	16A	1		
	32A	1		
	63A	1		
	100A	1		
	125A	1		
	200A	1		
	250A	1		
	300A	1		
	400A	1		
	600A	1		
	800A	1		
46	SWITCH FUSE UNIT (AC) - TP along with fuse, link etc complete			
	16A	1		
	32A	1		
	63A	1		
	100A	1		
	125A	1		
	200A	1		
	250A	1		
	300A	1		
	400A	1		
	600A	1		
	800A	1		
47	Y-Link	1		
48	OLM, Profibus DP connector along with accessories (at Y-link end) for interface of Y-Link with DDCMIS.	1		
49	SP ON/ OFF SWITCH FOR MOTOR SPACE HEATER OF BREAKER MOTOR FDR, 10A, 240V AC	1		
50	4 POLE, 2 POSI., SELECTOR SWITCH FOR CONTROL TRF., 110V AC	1		
51	EXTENDED ROTORY HANDLE	1		
52	AUXILIARY CONTACT FOR MCCB 1C/O	1		
53	TRIP CONTACT FOR MCCB 1C/O	1		
54	CONTROL TERMINALS (DRAWOUT)	1		
55	3 PIN INDUSTRIAL SOCKET & PLUG	1		
56	ROTARY ON/OFF SWITCH	1		
57	ELECTRONIC TIMER WITH 2C/O	1		
58	CONTROL TRANSFORMER, DRY TYPE, CAST RESIN, 415/24V, INS. CL-B OR BETTER	1		
59	RECTIFIER	1		
60	LIMIT SWITCH (BREAKER)	1		
61	Ethernet Switch with 16 Copper Ports & 4 FO ports	1		
62	Ethernet Switch with 08 Copper Ports & 4 FO ports	1		
63	Cat5e/ Cat6 Ethernet Cable	1		
64	Fibre Optic Patch Cord (minimum length - 10metres)	1		
65	9 WINDOWS ALARM ANNUNCIATION -1	1		
66	ELECTRONIC HOOTER (96SQMM)	1		
67	24V DC PDB - 16 WAYS	1		
68	24V DC PDB - 32 WAYS	1		
69	24V DC PDB - 64 WAYS	1		
NOTE:	The bidder should list the unit price for any additional modules, components, or items that are not mentioned in the above specifications but may be necessary to fulfill the customer's requirements.			

		QUALITY CONTROL & INSPECTION, DVC SUB-VENDOR QUESTIONNAIRE		
Ref No:			Date:	
Sl. No	Item	Description		
1.	Item/Scope of Sub-contracting:			
2.	Address of the registered office:	Details of Contact Person (Name, Designation, Mobile, Email)		
3.	Name and Address of the proposed Sub-vendor's works where item is being manufactured	Details of Contact Person: (Name, Designation, Mobile, Email)		
4.	Annual Production Capacity for proposed item/scope of sub-contracting			
5.	Annual Production Capacity for proposed item/scope of sub-contracting			
6.	Details of Proposed works			
(a)	Year of establishment of present works			
(b)	Year of commencement of manufacturing at above works			
(c)	Total Area			
(d)	Covered Area			
(e)	Factory Registration Certificate	Details attached at Annexure – F2.1		
(f)	Design/ Research & development set-up (No. of manpower, their qualification, machines & tools employed etc.)	Applicable / Not applicable if manufacturing is as per Main Contractor/purchaser design Details attached at Annexure – F2.2 (if applicable)		
(g)	Overall organization Chart with Manpower Details (Design/Manufacturing/Quality etc)	Details attached at Annexure – F2.3		
(h)	After sales service set up in India, in case of foreign sub-vendor (Location, Contact Person, Contact details etc.)	Applicable / Not applicable Details attached at Annexure – F2.4		
(i)	Manufacturing process execution plan with flow chart indicating various stages of manufacturing from raw material to finished product including outsourced process, if any	Details attached at Annexure – F2.5		
(j)	Sources of Raw Material/ Major Bought Out Item	Details attached at Annexure – F2.6		
(k)	Quality Control exercised during receipt of raw material/BOI, in-process, Final Testing, packing	Details attached at Annexure – F2.7		
(l)	Manufacturing facilities: (List of machines, special process facilities, material handling etc.)	Details attached at Annexure – F2.8		
(m)	Testing facilities (List of testing equipment)	Details attached at Annexure – F2.9		
(n)	If manufacturing process involves fabrication then-	Applicable / Not applicable Details attached at Annexure – F2.10		



QUALITY CONTROL & INSPECTION, DVC

SUB-VENDOR QUESTIONNAIRE

Ref No:				Date:			
Sl. No	Item			Description			
	(i) List of qualified Welders (ii) List of qualified NDT personnel with area of specialization			(if applicable)			
(o)	List of out-sourced manufacturing processes with Sub-Vendor's names & addresses			Applicable / Not applicable Details attached at Annexure. –F2.11 (if applicable)			
(p)	Supply reference list including recent supplies (as per format given below)			Details attached at Annexure – F2.12			
Project/ Package	Customer (s) Name	Supplied Rating/ Size etc)	Item (Type/ Model/Capacity/	Ref. PO No. & date	Supplied Quantity	Date of Supply	
(q)	Product satisfactory performance feedback letter/certificates/End User Feedback			Attached at annexure - F2.13			
(r)	Summary of Type Test Report (Type Test Details, Report No, Agency, Date of testing) for the proposed product (similar or higher rating) NOTE: Reports need not be submitted,			Applicable / Not applicable Details attached at Annexure – F2.14 (if applicable)			
(s)	Statutory / mandatory certification for the proposed product			Applicable / Not applicable Details attached at Annexure – F2.15 (if applicable)			
(t)	Copy of ISO certificates			Attached at Annexure – F2.16			
(u)	Product technical catalogues for proposed item (if available)			Details attached at Annexure – F2.17			
Name		Designation		Signature		Date	
Company's Seal/ Stamp							