



BHARAT HEAVY ELECTRICALS LIMITED भारत हैवी इलेक्ट्रिकल्स लिमिटेड
(A GOVT. OF INDIA UNDERTAKING) (भारत सरकार का उपक्रम)
PROJECT ENGINEERING MANAGEMENT परियोजना अभियांत्रिकी प्रबंधन

निविदा आमंत्रण सूचना
NOTICE INVITING TENDER (NIT)

Enquiry No- 77/25/6318/SAN

Date: 6-Mar-26

BHEL invites offers from reputed Suppliers as per following terms and conditions -

| | | | |
|---|--|--------------------|----------|
| 1. Tender Type | Open Tender (Domestic-Indian) | | |
| 2. Package | HVAC FOR FGD | | |
| 3. Project | 3X200+3X500+1x500 MW NTPC KORBA TPP-FGD | | |
| 4. Executing Agency | BHEL-PSWR | | |
| 5. End Customer | NTPC | | |
| 6. Mode of Enquiry | E - PROCUREMENT | | |
| 7. Numbers of Part bid | 2-Part bid (Techno-commercial and Price bid) | | |
| 8. Due Date & Time | For offer submission | 16-Mar-26 | 12:00 PM |
| | For P-1 bid opening | 16-Mar-26 | 04:00 PM |
| 9. Earnest Money Deposit (EMD) (Refer S.no- 28 for details) | Applicable | EMD Amount (Rs) | 6,00,000 |
| 10. Tender Cost | NIL | | |
| 11. Eligibility of Local Supplier as per MII (Refer S.no- 37 for details) | Nature of Package: Non - Divisible Only Class I Supplier (with local content 60% and above) | | |
| 12. Technical Scope | As per Technical specification No: PE-TS-466- (571-13000-A)-A002 | | |
| 13. Pre-bid Clarification | Last Date for Seeking Clarification | 10-Mar-26 | |
| | Suppliers to contact BHEL-PEM (over phone/ mail/ visit-BHEL-PEM) for any clarification (Technical or Commercial) at least 05 days before the due date of Tender opening & get it clarified well before the due date, so that offers by the Suppliers may be submitted within the due date & time. BHEL reserves the right not to respond to pre-bid clarifications received after last date of seeking clarification. Bidders to furnish the pre-bid queries in editable format also. | | |
| 14. Schedule of Pre-bid Discussion | Based on Bidder's Request, if required, Pre-Bid Meeting shall be arranged. | | |
| 15. Prequalification Requirements | Financial PQR- YES | Technical PQR- YES | |
| | This item/package /system falls under the list of items defined in para 3 of ministry of finance guideline dated 20.09.16 (Procurement of items related to Public safety, Health, Critical Security operations & Equipment's etc.) & hence criteria of prior experience/Turnover shall be same for all the Suppliers including Start-up/MSME. | | |
| 16. CIF Content | Not Available | | |



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| | |
|--|--|
| 17. Mode of Price Finalisation | <p>BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender.</p> <p>RA shall be conducted among all the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered as initial bids of bidders for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.</p> <p>In case of single qualified bid, price bid of single qualified bidder shall be opened.</p> |
| 18. HSE Guidelines | <p>Applicable Please refer the below link to download https://pem.bhel.com/Documents/GCC/HSE%20Plan%20Rev02.pdf</p> |
| 19. Delivery Schedule | <p>Main Supply (along with commissioning spares): - 05 months from the date of LOA. Drawing/ documents submission and re-submission shall be Technical Specification.</p> <p>E&C: - Within 03 months from the date of availability of front or 08 months from LOA whichever is later. Site front availability will be reckoned as the date when site informs vendor for mobilization of manpower & resources.</p> <p>Mandatory Spares: - 03 months from manufacturing clearance from BHEL.</p> <p>O&M: - Required personnel for O&M Services shall be deputed within 10 days of intimation</p> |
| 20. Delivery terms | FOR Despatch Station for supply |
| 21. Payment Terms | <p>Main Supply + Freight: As per clause No 9.3.1 of GCC Rev 07.</p> <p>Mandatory Spares: As per clause No 9.1.1 of GCC Rev 07.</p> <p>E&C: As per clause no- 9.4 of GCC Rev 07.</p> <p>O&M: As per clause no- 9.5 of GCC Rev 07.</p> |
| 22. Guarantee Period | <p>Clause No.12 except 12.2 (a) of GCC Rev 07.</p> <p>This tender is being done on risk & cost and some supply/ work has already been executed by M/s Advance Ventilation Pvt Ltd.</p> <p>Bidder of HVAC FOR FGD (awarded LOAs/POs in current) shall be responsible for Guarantee of the complete package including supplies/ work executed by M/s Advance Ventilation Pvt Ltd.</p> |
| 23. Liquidated Damages (LD) | Clause No.16 of GCC Rev 07. Corrigendum-02 to GCC Rev-07 shall not be applicable. |
| 24. Price Basis | Prices are Firm. PVC not applicable |
| 25. Variation of contract value | +/-30% |
| 26. Integrity Pact Applicability - Yes | <p>In line with cl. No. 12 of (ITB) GCC Rev-07, following Independent External Monitors (IEMs) have been appointed by BHEL.</p> <p>a) Dr. Sarat Kumar Acharya, Ex-CMD, NLC (iem1@bhel.in) b) Shri R. Mukundan, IRPS (Retd.) (iem2@bhel.in) c) Shri Madan Lal Meena, IAS (Retd.) (iem3@bhel.in)</p> <p>Further refer annexure 2 of Integrity pact in enclosed forms & formats. As on date, the positions of Independent External Monitors (IEMs) are vacant in the Company. As and when the IEMs join based on due approval of the Competent Authority, any complaint(s) received will be shared with the IEMs.</p> |



27. Tender Evaluation

Evaluation will be done on overall L1 (Total Cost to BHEL excluding GST) basis with necessary loading as applicable.

The evaluation currency for this tender shall be INR.

In RA, the loading (technical/commercial), if any, shall be added by bidder while submitting the bid in reverse auction portal. Ordering shall be done after de-loading the commercial/ technical loading from bidder's final price.

In the course of evaluation, if more than one bidder happens to occupy L-1 status, effective L-1 will be decided by soliciting discounts from the respective L-1 bidders.

In case more than one bidder happens to occupy the L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss/draw of lots, in the presence of the respective L-1 bidder (s) or their representative(s).

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

28. Earnest Money Deposit (EMD): EMD is to be submitted by all the bidders along with their bids (except Micro and Small Enterprises (MSEs) or Start-ups as recognized by Department for Promotion of Industry & Internal Trade (DPIIT).

Modes of deposit

The EMD shall be accepted only in the following forms:

- i) Electronic Fund Transfer credited in BHEL account (before tender opening): <https://pem.bhel.com/Documents/SupplierSection/BHELBANKER.pdf>
- ii) Banker's cheque/ Pay order/ Demand draft, in favor of BHEL-PEM, Noida (along with the offer).
- iii) Fixed Deposit Receipt (FDR)
- iv) Bank Guarantee from any of the Scheduled Banks (refer EMD Annexure of NIT)
- v) Insurance Surety Bonds.

Scanned copy of EMD shall be uploaded by Supplier in the online bid and hard copy of the same (excluding EFT at s.no (i) shall have to be submitted to the bidder within 7 (Seven) working days of bid opening, failing which the bid shall be rejected by giving a suitable cut-off date.

Validity period of EMD: The EMD shall remain valid for a period of 45 (forty-five) days beyond the final bid validity period.

EMD shall not carry any interest.

Forfeiture of EMD: -

- I. A bidder's EMD will be forfeited if the bidder withdraws or amends its/his tender or impairs or derogates from the tender in any respect within the period of validity of the tender or if the successful bidder fails to furnish the required performance security within the specified period mentioned in the Tender.
- II. EMD by the tenderer to be withheld in case any action on the bidder is envisaged under the provisions of extant "Guidelines on Suspension of business dealings with suppliers/ contractors (abridged version of guidelines is available on www.bhel.com)" and forfeited/ released based on the action as determined under these guidelines.

Return of EMD: -

- I. Bid securities of the unsuccessful bidders shall be returned to them after expiry of the final bid validity period and latest by the 30th day after the award of the contract. However, Bid securities of unsuccessful bidders during first stage i.e. technical-commercial evaluation etc. shall be returned within 30 days of declaration of result of first stage i.e. technical-commercial evaluation.
- II. Bid security shall be refunded to the successful bidder on conclusion of the order/ receipt of a performance security.



29. **Performance Security:** Successful bidder is required to submit Performance Security to BHEL-PSWR as below within 14 days from the date of LOA:

- i. 5% of the contract value (total Ex-works price). Performance Security will be released on completion of all contractual obligations, including guarantee/warranty obligations based on certification by Project Group/Purchaser.

Validity of PS: As per clause no-11.3 of GCC Rev 07, Validity mentioned in Clause No.11.3 of GCC Rev 07 shall be applicable for all allowed instruments of performance security.

Modes of deposit: Performance security may be furnished in the following forms:

- a) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL.
- b) Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL.
- c) Fixed Deposit Receipt issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL).
- d) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL).
- e) Insurance Surety Bond.

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

Performance Security should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations.

Notes/Remarks

- a) The performance security will be forfeited and credited to BHEL's account in the event of a breach of contract by the supplier.
- b) Performance security 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.

The Performance Security shall not carry any interest.

30. **Breach of contract, Remedies and Termination** - Clause no. 27.0 of GCC Rev 07 is not applicable. However, in case of Breach of Contract, BHEL shall recover 10% of the contract value from the Vendor using following instruments:

- i. Encashment of security instruments like EMD, Security Deposit with BHEL -PSSR against the said contract.
- ii. balance amount (if value of security instruments is less than 10% of the contract value) from other financial remedies i.e. available bills of the contractor, retention amount etc with BHEL - PSSR.
- iii. balance amount from security instruments like EMD, Security Deposit and other financial remedies i.e. available bills of the contractor, retention amount etc. with other units of BHEL.
- (iv) If recovery is not possible then legal remedies shall be pursued

The balance scope shall be got done independently without Risk & Cost of the failed supplier/ contractor. Further, levy of Liquidated Damages, Debarment, Termination, De-scoping, Short-closure, etc., shall be applied as per provisions of the contract

31. **Construction Power-** Construction power shall be provided to bidder on chargeable basis at prevalent rate as notified by the state DISCOM.

Construction Water- Contractor shall make all arrangements himself for the supply of construction water as well as potable water for labour and other personnel at the worksite/colony. However, drawl of construction/potable water from bore-well shall be permitted if found suitable. Any statutory clearance required shall be obtained by the contractor.



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32. This enquiry is being floated on the risk & cost of M/s Advance Ventilation Pvt Ltd. M/s Advance Ventilation Pvt Ltd shall not be eligible to participate in the tender.

33. GST shall be payable extra at actual.

34. Purchase preference would be applicable to MSE bidders as per GOI circular (No. F.1/4/2021- PPD dtd. 18.05.2023) and any other subsequent circulars / clarifications.

All the bidders are required to declare their ownership status (SC/ ST or Women-owned or others) along with their MSE category in format enclosed with NIT. This declaration, along with the Udyam Certificate, shall be mandatory for bidders to avail benefits under the Public Procurement Policy.

35. GeM Seller ID shall be mandatory before placement of order/award of contract to the successful bidder.

36. Bidder to quote non-zero freight charges in percentage (%) of their quoted Total Ex-Works prices of supply.

37. **Make in India:** For this procurement, the local content to categorize a supplier as Class I local supplier/ Class II local supplier/ Non-Local supplier and purchase preference to Class I local supplier shall be as defined in Public Procurement (Preference to Make India), Order 2017 Rev dated 19.07.2024 issued by DPIT. In case of subsequent order issued by nodal ministry changing the definition of local content for item in NIT, the same shall be applicable even if issued after issue of this NIT but before opening of part-II bids against this NIT. Bidders shall comply with all provisions of the Public Procurement (Preference to Make India), Order 2017 Rev dated 19.07.2024.

The margin of purchase preference shall be as per above mentioned order dtd. 19.07.2024. For this tender, offer from **only Class-I Local Suppliers** shall be considered.

Bidders are required to provide the following along with the part-1 bid:

- Provide a certificate (as per format available in NIT) giving the percentage of local content.
- Provide the details of the location(s) at which the local value addition shall be made.

38. **Insurance Deductibles/Excess:** As per attached insurance policy of the project

39. Supplier to note that this is an Open Tender enquiry & consideration of their offer for price bid shall be subjected to the following conditions:

- Qualifying Technical & Financial Pre-Qualification Requirement (attached).
- Techno-Commercial acceptance of offer by BHEL-PEM.
- Approval of bidder by End Customer: - Vendors shall be accepted by Customer (NTPC) based on BHEL Certification regarding past experience with vendor for supply of similar items.
In case, vendors do not have past experience with BHEL, then the vendors shall be assessed by BHEL for their capability and the assessment report shall be submitted to customer.

It is suggested that suppliers participating in the tender get themselves registered with BHEL-PEM as a "Regular Supplier". Regular Suppliers for the package are informed about the floated tender enquiries by BHEL-PEM. Suppliers to apply online through registration portal available at www.pem.bhel.com - Supplier Zone- Online Supplier Registration. All credentials and/or documents duly signed and stamped related to registration can be uploaded & submitted online through the website.

40. All corrigenda, addenda, amendments, time extensions, clarifications, etc. to the tender will be hosted on BHEL website (www.bhel.com) & BHEL-PEM website (www.pem.bhel.com) and GePNIC portal. Suppliers should regularly visit websites to keep themselves updated.

41. Grievance Redressal Mechanism: To promote transparency and ensure fair treatment of all bidders, a structured Grievance Redressal Mechanism is in place to address any concerns or issues arising during the tendering process or in subsequent business dealings with the company:

Suppliers/Contractors are requested to follow the below escalation process for grievance resolution:

- First Level: Any grievance should initially be addressed to the designated Dealing Officer, whose contact details are provided in the Notice Inviting Tender (NIT)/Contract.*



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• *Second Level: If the issue remains unresolved, it may be escalated by lodging a formal grievance through the SUVIDHA Portal: <https://suvidha.bhel.in/suvidha/>. Responses will be provided in accordance with the defined escalation matrix.*

42. Verification of PQR documents: Bidders to ensure that Third party/customer issued certificates being submitted as proof of PQR qualification have verifiable details of document/certificate issuing authority such as name & designation of Issuing Authority and its organization contact number and e-mail Id etc. In case the same is not available, then purchaser has right to reject such document(s) from evaluation

43. All Bidders to comply Govt. of India, Ministry of Power, order no-25-111612018-PG dtd 02/07/2020 regarding mandatory testing of all the imported items/equipment's/components

44. Self-declarations/ Auditor's/ Accountant's Certificates submitted by the manufacturer/ supplier may be verified randomly by the committee constituted as per MoP Order 28-07-2020. In case of false documents/misrepresentation of the facts requisite action against such manufacturer/ supplier will be taken based on the recommendation of the Committee.

45. If Supplier mentions Not Applicable / Not required / Not Quoted in BHEL price format, the same to be substantiated by the Supplier. If such item is required to be supplied for system completion in future, same will be supplied free of cost.

46. All bidders to declare that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.

47. At Sl.no. 17 of ITB of GCC Rev.07, "Base rate of SBI on the date of bid opening, (Techno-commercial bid, in case of 2-part bids) + 6%" may be read as "Repo Rate on the date of bid opening, (Techno-commercial bid, in case of 2-part bids) + 4%"

48. **Conflict of interest:** All bidders are required to submit the declaration regarding conflict of interest in the format enclosed with the NIT signed by the authorized signatory of the bidder

49. Conciliation & Arbitration shall be as per **Annexure-A** to NIT.

50. Terms & Conditions: - Other Terms & Conditions shall be as per enclosed **Special Conditions of Contract (SCC) of the project, General Conditions of Contract (GCC)-Rev-07 along with its corrigendum-01** which is available on www.pem.bhel.com and other Terms and Conditions included in this Enquiry Letter.

51. All the above terms and conditions, post-bid agreements/MoMs (during Techno- Commercial evaluation) shall automatically become a part of the Order/Contract after its finalisation.

52. Suppliers to note that offers shall be submitted strictly in accordance with the requirements of tender documents. Suppliers shall upload their complete offer meeting the requirements of the tender documents on e-procurement portal <https://eprocurebhel.co.in/nicgep/app>.

Following documents need to be uploaded:

- Offer forwarding/ covering letter with Un-price bid, Deviation Sheet (Cost of Withdrawal)
- Documents required for meeting Technical & Financial PQRs
- Integrity Pact
- Local Content Certificate in line with Make in India circular
- Land Border Certificate
- Mandatory declaration by MSE bidders
- Mandatory declaration by bidders regarding conflict of interest
- Price Bid on e-procurement portal - <https://eprocurebhel.co.in/nicgep/app>



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53. It shall be the responsibility of the Supplier to ensure that the tender complete in all respects is uploaded on or before the due date and time. Incomplete/late offers shall not be considered.

54. All other correspondence thereof shall be addressed to the undersigned by name & designation and sent at the following address:

Sanjeev Kumar /Engineer-BOP
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
BHEL Sadan,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301
E-mail: Sanjeev_k@bhel.in
Contact No.: 0120-2218522

Upendra Chaudhary/DGM – BOP
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
BHEL Sadan
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301
E-mail: upendrachaudhary@bhel.in
Contact No.: 0120-2218557

Note - In case you are not making an offer against this enquiry, you are requested to send a regret letter so as to reach us on or before the due date

Thanking You.

For and on behalf of BHEL

Sanjeev Kumar
Engineer/ BOP/ PEM Noida

Enclosures: -

1. SCC of the Project
2. Technical & Financial PQR
3. Technical Specifications
4. Integrity Pact
5. HSE plan
6. Annexure-A for Conciliation & Arbitration
7. Price format
8. Abridged version of applicable RA guidelines



Main Price Schedule

| NAME OF PROJECT: | | | | 3x200MW + 4X500MW KORBA TPP (FGD SYSTEM PACKAGE) | | Bidder Name | | | | |
|------------------------------------|---|--------|-----|---|-----------|--|--|------------------|-------------------|-------------------|
| NAME OF PACKAGE: | | | | HVAC FOR FGD | | | | | | |
| TECHNICAL SPECIFICATION No: | | | | PE-TS-466-(571-13000-A)-A002 | | Enquiry No- 77/25/6318/SAN Dated 06.03.2026 | | | | |
| | | | | Supply | | | Services | | | |
| S. No. | DESCRIPTION | UNIT | QTY | Total Ex-Works Excluding GST (INR) | Freight % | Freight in INR | Total FOR Site Price Excluding GST (INR) | Unit Price (INR) | Total Price (INR) | Total Scope Price |
| 1.0 | Total lump sum firm price for Supply part including Mandatory spares and Services comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, fill of lubricants & consumables along with spares for erection, start-up and commissioning as required, forwarding, proper packing, shipment and delivery at site, unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning, final painting at site, minor civil work, trial run at site and carrying out Performance guarantee / Functional / Demonstration tests at site (As applicable), training of NTPC/BHEL's O&M staff and handover in flawless condition of the package to the end customer complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. | Lot | 1 | | | | | | | ₹ - |
| 2.0 | MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE. | | | | | | | | | |
| 2.1 | Total lump sum firm price for Supply part comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as per Appendix-A), fill of lubricants & consumables along with spares for erection (as per Appendix-B), start-up and commissioning spares as required, forwarding, proper packing, shipment and delivery at site for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Break-up as per Annexure-I) | Lot | 1 | ₹ - | | ₹ - | ₹ - | | | ₹ - |
| 2.2 | Total lumpsum firm prices for Services comprising of service part for unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning, final painting at site, minor civil work, trial run at site and carrying out Performance guarantee / Functional / Demonstration tests at site (As applicable), Training of NTPC/BHEL personnel for total 15 days (in 3-4 parts of 4-5 days each) covering hands on experience of operation and maintenance of air conditioning and ventilation system. Site personnel shall be trained for operation and maintenance activities covering daily, weekly, monthly, quarterly and yearly maintenance checks and handover in flawless condition of the package to the end customer complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Break-up as per Annexure-I) | Lot | 1 | | | | | | ₹ - | ₹ - |
| 2.3 | Total lumpsum firm price for mandatory spares comprising of manufacture, fabrication, assembly, inspection / testing (as applicable) at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee as per tender technical specification above, amendment & agreements till placement of order. (Break up of mandatory spares is to be furnished as per Annexure- II) | Lot | 1 | ₹ - | | ₹ - | ₹ - | | | ₹ - |
| 2.4 | Total lumpsum firm price for providing Operation and Maintenance Service (24x7) including manpower, supervision, consumables etc. for operation & maintenance after commissioning of Air Conditioning system before final handing over to end customer in flawless condition for the scope defined as per technical specification for Air Conditioning system | Months | 6 | | | | | | ₹ - | ₹ - |

Note:

1) For detailed scope of Operation and Maintenance Services of Air Conditioning system, Technical Specification to be referred. Any variation in no. of months shall be exercised based on unit rate arrived from price quoted against Sl.no 2.4 above.

ANNEXURE - I

| NAME OF PROJECT: | | 3x200MW + 4X500MW KORBA TPP (FGD SYSTEM PACKAGE) | | | | | |
|-----------------------------|--|--|------|---------------------------|----------------------------|----------------------------|-------------------|
| NAME OF PACKAGE: | | HVAC FOR FGD | | | | | |
| TECHNICAL SPECIFICATION No: | | PE-TS-466-(571-13000-A)-A002 | | | | | |
| SL NO | DESCRIPTION | Qty | UNIT | SUPPLY | | ERECTION AND COMMISSIONING | |
| | | | | Unit Ex-Works Price (INR) | Total Ex-Works Price (INR) | Unit Price (INR) | Total Price (INR) |
| A | AC SYSTEM | | | | | | |
| 1a* | DX type, air cooled condensing unit of minimum 50 TR (ACTUAL) capacity. The refrigerant compressor shall be Scroll, hermetic / Semi-hermetic type suitable for Refrigerant R-134a / R-407c / R-410a environment friendly HFC refrigerants with drive package, Suction and discharge valves, capacity control system, expansion valve, crank case heater etc. A control panel shall be provided to house all gauges and controls. The panel shall contain all necessary terminal strips to facilitate external wiring. The unit shall be complete with expansion valve, all necessary fittings, accessories, insulated refrigerant piping to and from AHUs, foundation bolts, nuts, washers etc complete in all respect. | 6 | Nos | | ₹ - | | ₹ - |
| 1b1* | Sheet metal cabinet type air handling units (double skin as per specification) The draw through horizontal AHUs (min. 60 mmWC SP) shall comprise of Dampers, pre filter, fine filters, DX- cooling coil, Fan section with fan & TEFC sq cage induction motor, condensate drain pan, thermostatic controls and other accessories, like ladder along with supporting structure for filter and plenum, etc. to meet the AC load of control room area as per specification. Capacity :22000 CFM/37400 CMH @ 65 mm WG static pressure (Erection & Commissioning Only) | 6 | Nos | | | | ₹ - |
| 1b2* | 37 KW Motor for the Air Handling Units | 6 | Nos | | ₹ - | | ₹ - |
| 1c* | Monsoon reheating / winter heating kit comprising strip heaters, safety controls, air-stat, contactors, frame work, thermostat etc. Capacity :6.9 KW- 1 No. & 3.3 KW 1 No. | 2 | Nos | | ₹ - | | ₹ - |
| 1d* | Pan type humidifier, comprising geyser stat, for each AHU room. Capacity :10 KW- 1 No. (Erection & Commissioning Only) | 1 | Nos | | | | ₹ - |
| 1e* | Fresh air fan (axial flow type), complete with motor, inlet cone, air filters (pre and fine), dampers etc. (Capacity :3300 cfm- 1W+1S | 2 | Nos | | ₹ - | | ₹ - |
| 2a* | Thermal insulation of supply air duct & return air duct with finish as specified. (Erection & Commissioning Only) | 630 | SQM | | | | ₹ - |
| 2b* | Thermal insulation of supply air duct & return air duct with finish as specified. | 100 | SQM* | | ₹ - | | ₹ - |
| 3* | MS medium class drain piping upto nearest drain point with insulation & cladded and without insulation | | | | | | |
| a* | 50mm with insulation and cladding | 20 | Rmt* | | ₹ - | | ₹ - |
| b* | 40mm with insulation and cladding | 20 | Rmt* | | ₹ - | | ₹ - |
| c* | 50mm without insulation and cladding | 20 | Rmt* | | ₹ - | | ₹ - |
| d* | 40mm without insulation and cladding | 20 | Rmt* | | ₹ - | | ₹ - |
| 4* | Air-cooled split type AC units consisting of condensing unit & evaporating unit including refrigerant pipes & fittings with insulation etc. | | | | | | |
| (a)* | 2.0 TR capacity (non-ductable type, 240 V, 1 phase) with isolation switch , i.e MCB of suitable rating as specified, voltage stabilizer, cabling, all supporting structure and refrigerant piping to suite actual site condition. | 14 | Nos* | | ₹ - | | ₹ - |
| B | VENTILATION SYSTEM | | | | | | |

ANNEXURE - I

| NAME OF PROJECT: | | 3x200MW + 4X500MW KORBA TPP (FGD SYSTEM PACKAGE) | | | | | |
|-----------------------------|---|--|-------|---------------------------|----------------------------|----------------------------|-------------------|
| NAME OF PACKAGE: | | HVAC FOR FGD | | | | | |
| TECHNICAL SPECIFICATION No: | | PE-TS-466-(571-13000-A)-A002 | | | | | |
| SL NO | DESCRIPTION | Qty | UNIT | SUPPLY | | ERECTION AND COMMISSIONING | |
| | | | | Unit Ex-Works Price (INR) | Total Ex-Works Price (INR) | Unit Price (INR) | Total Price (INR) |
| 1a* | Modular type Unitary air filtration unit with centrifugal fan with motor, pumps with motors, filters, UAF internals, inlet air louvers, piping as per IS: 1239 pt I (heavy class galvanised), valves, nozzles, back wash arrangement, galvanised drain piping etc. as per specification of capacity total 1,20,000 CMH . Each UAF has 1 no centrifugal fan (1 x 100% duty) of capacity 1,20,000 CMH at min. 60 mmWC SP. | 2 | Nos* | | ₹ - | | ₹ - |
| 2a* | Thermal insulation along with finish as per specification for supply air duct (Erection & Commissioning only) | 370 | SQM* | | | | ₹ - |
| 2b* | Thermal insulation along with finish as per specification for supply air duct | 100 | SQM* | | ₹ - | | ₹ - |
| 3* | Roof extractor units (axial flow type) with hood, disconnect switch and all accessories as specified. Following fan shall have 15 mmwc static pressure. | | | | | | |
| a)* | Capacity 40,000 CMH with Motor rating 5.5 KW | 4 | Nos.* | | ₹ - | | ₹ - |
| 4* | Axial flow supply fans with pre and fine filter (wall mounted) complete with casing, TEFC sq cage induction motors & mounting frame, MS rain protection cowl, bird screen along with support structure and all other accessories (suitable for 415V/3-phase supply). Following fan shall have 30 mmwc static pressure. | | | | | | |
| a)* | Capacity 10,000 CMH with Motor rating 2.2 KW | 5 | Nos.* | | ₹ - | | ₹ - |
| c)* | Capacity 6,000 CMH with Motor rating 1.1 KW | 10 | Nos.* | | ₹ - | | ₹ - |
| d)* | Capacity 4,000 CMH with Motor rating 0.75 KW | 1 | Nos.* | | ₹ - | | ₹ - |
| 5* | Axial flow supply fans with pre filter (wall mounted) complete with casing, TEFC sq cage induction motors & mounting frame, MS rain protection cowl, bird screen along with support structure and all other accessories (suitable for 415V/3-phase supply) as specified. Following fan shall have 20 mmwc static pressure. | | | | | | |
| a)* | Capacity 10,000 CMH with Motor rating 1.5 KW | 33 | Nos.* | | ₹ - | | ₹ - |
| c)* | Capacity 6,000 CMH with Motor rating 1.1 KW | 1 | Nos.* | | ₹ - | | ₹ - |
| 6* | Axial flow exhaust fans (Bifurcated type, spark proof construction, wall mounted) complete with casing, flame proof motor & mounting frame, MS rain protection cowl, bird screen along with support structure and all other accessories epoxy painted (suitable for 415V/3-phase supply) as specified. Following fan shall have 15 mmwc static pressure. | | | | | | |
| b)* | Capacity 7,500 CMH with Motor rating 1.1 KW | 4 | Nos* | | ₹ - | | ₹ - |
| d)* | Capacity 2,000 CMH with Motor rating 0.55 KW | 2 | Nos* | | ₹ - | | ₹ - |
| 7* | Axial flow exhaust fans (Wall mounted) complete with casing,TEFC sq cage induction motor & mounting frame, MS rain protection cowl, bird screen along with support structure and all other accessories epoxy painted (suitable for 415V/3-phase supply) as specified. Following fan shall have 10 mmwc static pressure. | | | | | | |
| a)* | Capacity 15,000 CMH with Motor rating 1.1 KW | 1 | Nos.* | | ₹ - | | ₹ - |
| b)* | Capacity 10,000 CMH with Motor rating 0.75 KW | 2 | Nos.* | | ₹ - | | ₹ - |
| c)* | Capacity 7,500 CMH with Motor rating 0.55 KW | 0 | Nos.* | | ₹ - | | ₹ - |
| d)* | Capacity 6,000 CMH with Motor rating 0.55 KW | 2 | Nos.* | | ₹ - | | ₹ - |

ANNEXURE - I

| NAME OF PROJECT: | | 3x200MW + 4X500MW KORBA TPP (FGD SYSTEM PACKAGE) | | | | | |
|-----------------------------|--|--|-------|---------------------------|----------------------------|----------------------------|-------------------|
| NAME OF PACKAGE: | | HVAC FOR FGD | | | | | |
| TECHNICAL SPECIFICATION No: | | PE-TS-466-(571-13000-A)-A002 | | | | | |
| SL NO | DESCRIPTION | Qty | UNIT | SUPPLY | | ERECTION AND COMMISSIONING | |
| | | | | Unit Ex-Works Price (INR) | Total Ex-Works Price (INR) | Unit Price (INR) | Total Price (INR) |
| e)* | Capacity 4,000 CMH with Motor rating 0.55 KW | 1 | Nos.* | | ₹ - | | ₹ - |
| f)* | Capacity 2,000 CMH with Motor rating 0.37 KW | 0 | Nos.* | | ₹ - | | ₹ - |
| 8* | Exhaust fan (propeller type) completes with induction motor & mounting frame MS rain protection cowl, bird screen and all other accessories as specified (suitable for 240V/ 1 phase). Following fan shall have 5 mmwc static pressure. | | | | | | |
| a)* | Capacity 1000 CMH with Motor rating 100 watts | 12 | Nos.* | | ₹ - | | ₹ - |
| C | COMMON FOR AC AND VENTILATION SYSTEM | | | | | | |
| 1* | Supply air ducting (finished) for above area complete with dampers, grills (with VCD & without VCD), supports (painted) and all accessories as specified. | | | | | | |
| 1.1* | Finished (Actual quantity of duct erected at site, excluding the scrap) GSS (zinc coating 275 gms/sq.m) Ducting with support structure etc. | | | | | | |
| a)* | 18 G (Erection & Commissioning only) | 250 | SQM* | | | | ₹ - |
| b)* | 18 G | 500 | SQM* | | ₹ - | | ₹ - |
| c)* | 20 G (Erection & Commissioning only) | 340 | SQM* | | | | ₹ - |
| d)* | 20 G | 100 | SQM* | | ₹ - | | ₹ - |
| e)* | 22 G (Erection & Commissioning only) | 1450 | SQM* | | | | ₹ - |
| f)* | 22G | 100 | SQM* | | ₹ - | | ₹ - |
| g)* | 24 G(Erection & Commissioning only) | 160 | SQM* | | | | ₹ - |
| h)* | 24G | 100 | SQM* | | ₹ - | | ₹ - |
| 1.2a* | Supply air Grill/diffuser with VCD (Extruded Aluminium) (Erection & Commissioning). | 20 | SQM* | | | | ₹ - |
| 1.2b* | Supply air Grill/diffuser with VCD (Extruded Aluminium). | 10 | SQM* | | ₹ - | | ₹ - |
| 1.3a* | Return air Grill/diffuser without VCD (Extruded Aluminium). (Erection & Commissioning). | 20 | SQM* | | | | ₹ - |
| 1.3b* | Return air Grill/diffuser without VCD (Extruded Aluminium). | 10 | SQM* | | ₹ - | | ₹ - |
| 1.4a* | Supply air Grill/diffuser with VCD (MS, POWDER COATED) (Erection & Commissioning). | 28 | SQM* | | | | ₹ - |
| 1.4b* | Supply air Grill/diffuser with VCD (MS, POWDER COATED) | 10 | SQM* | | ₹ - | | ₹ - |
| 1.5a* | Volume control damper in GI construction as per specification (Erection & Commissioning). | 40 | SQM* | | | | ₹ - |
| 1.5b* | Volume control damper in GI construction as per specification | 10 | SQM* | | ₹ - | | ₹ - |
| 1.6* | Wall mounted dampers (gravity operated) for different areas. | 19 | SQM* | | ₹ - | | ₹ - |
| 1.7* | Inlet Louvres | 4.25 | SQM* | | ₹ - | | ₹ - |
| 2a* | ACOUSTIC INSULATION (AS PER THE SPECIFICATION)(Erection & Commissioning). | 290 | SQM* | | | | ₹ - |
| 2b* | ACOUSTIC INSULATION (AS PER THE SPECIFICATION) | 100 | SQM* | | ₹ - | | ₹ - |
| 3* | FIRE DAMPER | 15 | SQM* | | ₹ - | | ₹ - |
| 4a)* | Motorized Actuator with single phase power supply for the above Fire damper and Volume control damper with auto resetting, limit switches, indication lamps etc. | 15 | Nos* | | ₹ - | | ₹ - |
| 4b)* | Motorized Actuator with single phase power supply for the above Fire damper and Volume control damper with auto resetting, limit switches, indication lamps etc. | 5 | Nos* | | ₹ - | | ₹ - |

ANNEXURE - I

| NAME OF PROJECT: | | 3x200MW + 4X500MW KORBA TPP (FGD SYSTEM PACKAGE) | | | | | |
|-----------------------------|--|--|----------|---------------------------|----------------------------|----------------------------|-------------------|
| NAME OF PACKAGE: | | HVAC FOR FGD | | | | | |
| TECHNICAL SPECIFICATION No: | | PE-TS-466-(571-13000-A)-A002 | | | | | |
| SL NO | DESCRIPTION | Qty | UNIT | SUPPLY | | ERECTION AND COMMISSIONING | |
| | | | | Unit Ex-Works Price (INR) | Total Ex-Works Price (INR) | Unit Price (INR) | Total Price (INR) |
| 5 | Cable tray, conduits, junction box, lugs and glands, Local control panel and Field instruments like pressure gauge, temperature gauge, switches and transmitters for pressure, flow and temperature measurement, differential pressure switch across filters, flow meters, RH and Temperature sensor and other required instruments as per specifications, including necessary control panel form hook up with main DDCMIS as per specifications | 1 | LOT | ₹ | - | ₹ | - |
| 5.1 | Instruments | | | | | | |
| a)* | T-RH Sensor | 2 | Nos* | ₹ | - | ₹ | - |
| b)* | Differential Pressure Switch - Air | 6 | Nos* | ₹ | - | ₹ | - |
| c)* | Pressure Switch - Air | 6 | Nos* | ₹ | - | ₹ | - |
| d)* | Air Stat | 1 | Nos* | ₹ | - | ₹ | - |
| e)* | Level Transmitter | 2 | Nos* | ₹ | - | ₹ | - |
| f)* | Pressure Transmitter | 2 | Nos* | ₹ | - | ₹ | - |
| g)* | Pressure Gauge | 4 | Nos* | ₹ | - | ₹ | - |
| h)* | Temperature Gauge | 2 | Nos* | ₹ | - | ₹ | - |
| i)* | Differential Pressure Switch - Water | 2 | Nos* | ₹ | - | ₹ | - |
| j)* | Limit Switch | 2 | Nos* | ₹ | - | ₹ | - |
| 5.2 | Cable Tray for Cable Routing | | | | | | |
| a)* | 100mm Wide, 100mm Depth | 50 | MTR* | ₹ | - | ₹ | - |
| b)* | 50mm Wide, 100mm Depth | 50 | MTR* | ₹ | - | ₹ | - |
| 6.3 | Lugs & Glands | 1 | Lot | ₹ | - | ₹ | - |
| 6.4 | Junction Box | | | | | | |
| a)* | 128 Ways | 2 | Nos. | ₹ | - | ₹ | - |
| b)* | 64 Ways | 2 | Nos. | ₹ | - | ₹ | - |
| 6* | Providing full support during FAT of DDCMIS, preparation of control scheme, and commissioning of DDCMIS as per relevant specification. | 20 | Mandays* | | | | ₹ - |
| 7 | Total lumpsum price for special tools & tackles for maintenance inclusive of packing forwarding, transportation up to site, etc. (Break up of to be furnished as per Appendix- A) | 1 | LOT | ₹ - | ₹ - | | |
| 8 | Total lumpsum price for commissioning spares inclusive of packing forwarding, transportation up to site, etc. (Break up of to be furnished as per Appendix- B) | 1 | LOT | ₹ - | ₹ - | | |
| | | | | Total | | ₹ - | ₹ - |
| NOTES | | | | | | | |
| 1 | The bidder shall furnish unit rates for variable item (marked *) for necessary adjustment (plus or minus) variation during execution. The unit rates quoted above shall be considered and no separate unit rates shall be quoted. Unit rates shall be valid throughout the contract. | | | | | | |

ANNEXURE - I

| NAME OF PROJECT: | | 3x200MW + 4X500MW KORBA TPP (FGD SYSTEM PACKAGE) | | | | | |
|------------------------------------|--|---|------|---------------------------|----------------------------|----------------------------|-------------------|
| NAME OF PACKAGE: | | HVAC FOR FGD | | | | | |
| TECHNICAL SPECIFICATION No: | | PE-TS-466-(571-13000-A)-A002 | | | | | |
| SL NO | DESCRIPTION | Qty | UNIT | SUPPLY | | ERECTION AND COMMISSIONING | |
| | | | | Unit Ex-Works Price (INR) | Total Ex-Works Price (INR) | Unit Price (INR) | Total Price (INR) |
| 2 | Bidder to note that above BOQ for this tender has to be read in conjunction with tender specification. Any item, if not mentioned in above BOQ but indicated in tender specification and required for completion of the system shall deemed to be included in above price. | | | | | | |

ANNEXURE-II
LIST OF MANDATORY SPARES

| NAME OF PROJECT: | | 3x200MW + 4X500MW KORBA TPP (FGD SYSTEM PACKAGE) | | |
|---|---|--|---|----------------------------|
| NAME OF PACKAGE: | | HVAC FOR FGD | | |
| TECHNICAL SPECIFICATION: | | PE-TS-466-(571-13000-A)-A002 | | |
| Sl. No. | ITEM DESCRIPTION | UNIT | QTY. | Total Ex-Works Price (INR) |
| AIR CONDITINING AND VENTIALTION SYSTEM | | | | |
| 1 | Air handling unit (for each model) | | | |
| 1.1 | V-belts for AHU Blower | Sets | 2 | |
| 1.2 | AHU Blower bearing | Sets | 1 | |
| 1.3 | Blower motor bearing | Sets | 1 | |
| 1.4 | Filters at suction and discharge of all AHUs | Nos. | 25% of installed population | |
| 2 | Unitary air filtration unit | | | |
| 2.1 | Supply Air fans | | | |
| 2.1.1 | V-belts for supply air fans | Sets | 2 | |
| 2.1.2 | Supply air fan bearings | Sets | 1 | |
| 2.2 | UAF Pump | | | |
| 2.2.1 | Pump bearings | Sets | 1 | |
| 2.2.2 | Impeller for pump | Nos. | 1 | |
| 2.2.3 | Pump Shaft | Nos. | 1 | |
| 2.2.4 | Shaft sleeves | Sets | 1 | |
| 2.2.5 | Gland Packings for pumps | Sets | 1 | |
| 2.2.6 | Nylon Filter | Sets | 1 | |
| 2.2.7 | Spray nozzles | Nos. | 5% of total population or 50 Numbers whichever is higher. | |
| 2.2.8 | Water strainer | Nos. | 1 | |
| 2.2.9 | Brass suction screen/strainer for unitary air filtration tank. | Sets | 1 | |
| 2.2.10 | Motor for Centrifugal fan for UAF | Nos. | 1 | |
| 3 | Control & Instrumentation | | | |
| i) | Air-Conditioning System | | | |
| 3.1 | Electronic Transmitters | | | |
| 3.1.1 | Transmitters of all types and model no. (for the measurement of Pressure, differential pressure flow, level, temperature etc.) | Nos. | 5% or 1 No. of each type and model whichever is more. (to be divided into various ranges in proportion to main population) | |
| 3.2 | Temperature elements | | | |
| 3.2.1 | RTD's* | Nos. | 5% or 1 No. which ever is more ** | |
| 3.2.2 | Thermo well* | Nos. | 5% or 1 No. which ever is more ** | |
| 3.3 | All types of Local Indicators | Nos. | 5% or 1 No. of each make, model and type whichever is more (to be divided to various ranges in proportion to main population of all make, model and type) | |
| 3.4 | Process Actuated Switch Devices Includes all types of Pressure, differential pressure, flow, and temperature, and differential temperature, level switch Devices. | Nos. | 5% or 1No. Of each type and model whichever is more. | |
| 3.5 | Relative Humidity Sensors | Nos. | 1 | |
| 3.6 | Geyser stat | Nos. | 1 | |
| 3.7 | Local Humidity/Temperature indicators | Nos. | 2Nos. each. | |
| 4 | Process Connection Piping (for Impulse Piping / Tubing, Sampling Piping / Tubing and Air Supply Piping as Applicable) | | | |
| 4.1 | Valves | Nos. | 10% or 1 No. of each type, class, size and model whichever is more. | |
| 4.2 | 2 way, 3way, 5way valve manifolds | Nos. | 10% or 1 No. of each type, class, size and model whichever is more. | |
| 4.3 | Fittings | Nos. | 10% or 1 No. of each type, class, size and model whichever is more. | |
| (II) | Ventilation System | | | |
| 5 | Measuring Instruments | | | |
| 5.1 | Pressure Gauge | Nos. | 1 No. (for centrifugal pumps of UAF units). | |
| 5.2 | Level transmitter | Nos. | 1 No. | |
| 5.3 | Pressure transmitter | Nos. | 1 No. (for UAF units) | |

| ANNEXURE-II | | | | |
|---------------------------------|---|------|--|----------------------------|
| LIST OF MANDATORY SPARES | | | | |
| NAME OF PROJECT: | | | 3x200MW + 4X500MW KORBA TPP (FGD SYSTEM PACKAGE) | |
| NAME OF PACKAGE: | | | HVAC FOR FGD | |
| TECHNICAL SPECIFICATION: | | | PE-TS-466-(571-13000-A)-A002 | |
| Sl. No. | ITEM DESCRIPTION | UNIT | QTY. | Total Ex-Works Price (INR) |
| 6 | Process Connection Piping (for Impulse Piping / Tubing, Sampling Piping / Tubing and Air Supply Piping as Applicable) | | | |
| 6.1 | Valves | Nos. | 1 no. of each type, class, size and model | |
| 6.2 | 2 way valve manifold | Nos. | 1 no. of each type, class, size and model | |
| 6.3 | Fittings | Nos. | 1 no. of each type, class, size and model | |
| | Total | | | ₹ - |
| Notes: | | | | |
| 1 | Mandatory spares listed in Price Schedule is bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender specification apart from specified above, same shall be deemed to have been covered in bidder's scope of supply. | | | |
| 2 | A 'set' means items or sub-items required for each type/size range of the assembly/ sub-assembly, required for replacement in one main equipment. It is further intended that the assembly/ sub-assembly which have different orientation (like left hand or right hand, top or bottom), different direction of rotation or mirror image positioning or any other reasons which result in maintaining two different sets of the spares to be used for the subject assembly/ sub-assembly, these shall be considered as different types of assembly/ sub-assembly. | | | |
| 3 | All mandatory spares shall be supplied as per the requirement of the tender specifications. In case spares indicated in the list are not applicable to the particular design offered by the bidder, the bidder should offer spares applicable to offered design with quantities generally in line with the approach followed in the above list, without any commercial implication. | | | |
| 4 | Whenever the quantities have been indicated for each type, size, thickness, material, radius, range etc., these shall cover all the items supplied and installed | | | |
| 5 | Wherever rubber part viz: coupling, V belt, flexible hose etc. have been used ,minimum quantity as specified above is to be supplied and any item which is not covered above minimum 10% or 01 no whichever is higher is to be supplied. | | | |
| 6 | Wherever non-metallic fabric/paper filter etc. have been used ,minimum quantity as specified above is to be supplied and any item which is not covered above minimum 10% or 01 no whichever is higher is to be supplied | | | |
| 7 | Wherever quantity has been specified as percentage (%), the quantity of mandatory spares to be provided by contractor shall be the specified percentage (%) of the total population of the plant. In case the quality so calculated happens to be a fraction, the same shall be rounded off to next higher whole number. | | | |
| 8 | Bidder to write "Quoted / Not Applicable" against all items. Any item which is quoted as "not applicable" by the bidder in the above list and is found to be "applicable" at a later date shall be supplied by the bidder without any commercial and delivery implication. | | | |
| 9 | Any special tool required for maintenance of any of the equipment being supplied is to be included in mandatory T&P along with the equipment. | | | |
| 10 | Any cell left blank in the unpriced schedule shall be treated as "Quoted" and is included in total price. | | | |
| 11 | * With head assembly, terminal block and nipple | | | |
| 12 | ** to be divided into various insertion lengths in proportion to main population | | | |

APPENDIX - A

Maintenance tools & tackles

NAME OF PROJECT: 3x200MW + 4X500MW KORBA TPP (FGD SYSTEM PACKAGE)

NAME OF PACKAGE: HVAC FOR FGD

TECHNICAL SPECIFICATION No: PE-TS-466-(571-13000-A)-A002

| SL NO | DESCRIPTION | UNIT | Qty | Unit Ex-Works Price (INR) | Total Ex-Works Price (INR) |
|--------------|--|------|-----|---------------------------|----------------------------|
| 1 | FLAT D WRENCH - 6 MM TO 32 MM (12 Pcs) | SET | 1 | | ₹ - |
| 2 | BOX WRENCHES - 6 MM TO 22 MM (14 Pcs) | SET | 1 | | ₹ - |
| 3 | RING SPANNER - 6 MM TO 32 MM (12 Pcs) | SET | 1 | | ₹ - |
| 4 | ALLEN KEYS - 2 MM TO 10 MM | SET | 1 | | ₹ - |
| 5 | CRESCENT SCREW SPANNER | NO. | 1 | | ₹ - |
| 6 | SCREW DRIVER | NO. | 1 | | ₹ - |
| 7 | OFFSET SCREW DRIVER | NO. | 1 | | ₹ - |
| 8 | INSULATED PLIER | NO. | 1 | | ₹ - |
| 9 | TORCH LIGHT (SUITABLE FOR 2 CELL) | NO. | 1 | | ₹ - |
| 10 | HAMMER 1 LB | NO. | 1 | | ₹ - |
| 11 | OIL CAN | NO. | 1 | | ₹ - |
| 12 | POCKET THERMOMETER - 0 TO 50 DEG. C | NO. | 1 | | ₹ - |
| 13 | INSULATION TAPE ROLL | NO. | 1 | | ₹ - |
| 14 | STEEL FOOT RULE - 12" | NO. | 1 | | ₹ - |
| 15 | FEELER GAUGE 9 BLADES | NO. | 1 | | ₹ - |
| 16 | PIPE WRENCH | NO. | 1 | | ₹ - |
| 17 | FLARE NUT (1/4") | NOS. | 6 | | ₹ - |
| 18 | FLARING TOOL | NO. | 1 | | ₹ - |
| 19 | TUBE CUTTER | NO. | 1 | | ₹ - |
| 20 | GAS CHARGING PIPE | NO. | 1 | | ₹ - |
| 21 | NITROGEN CHARGING ADAPTER | NO. | 1 | | ₹ - |
| 22 | PRESSURE GAUGE (2 1/2" DIA DIAL) 0 - 300 PSI | NO. | 1 | | ₹ - |
| 23 | PRESSURE GAUGE (2 1/2" DIA DIAL) 0 - 500 PSI | NO. | 1 | | ₹ - |
| 24 | COMPOUND GAUGE (2 1/2" DIA DIAL) (-)30" to 150 PSI | NO. | 1 | | ₹ - |
| 25 | PSYCHRO METER | NO. | 1 | | ₹ - |
| 26 | LOCK WITH KEY FOR TOOL BOX | NO. | 1 | | ₹ - |
| 27 | RATCHET 1/4" | NO. | 1 | | ₹ - |
| 28 | MS TOOL BOX | NO. | 1 | | ₹ - |
| 29 | Measuring tape | NO | 1 | | ₹ - |
| 30 | Tachometer | NO | 1 | | ₹ - |
| 31 | Double ended spanner | SET | 1 | | ₹ - |
| 32 | Gasket punch | NO. | 1 | | ₹ - |
| 33 | Centre punch | NO. | 1 | | ₹ - |
| 34 | Scissors for sheet metal cutting | NO. | 1 | | ₹ - |
| 35 | Multimeter | NO. | 1 | | ₹ - |
| 36 | Anemometer | NO. | 1 | | ₹ - |
| 37 | Slide wrench 8" | NO. | 1 | | ₹ - |
| 38 | Slide wrench 10" | NO. | 1 | | ₹ - |
| 39 | Slide wrench 6" | NO. | 1 | | ₹ - |
| 40 | Box spanner set | SET | 1 | | ₹ - |
| Total | | | | | ₹ - |

NOTES

1 ABOVE IS THE MINIMUM LIST. ANY OTHER TOOL / TACKEL REQUIRED FOR THE SYSTEM SHALL ALSO BE PROVIDED BY THE VENDOR WITHOUT ANY COST IMPLICATION.

| APPENDIX - B | | | | | |
|-----------------------------|---|------|--|---------------------------|----------------------------|
| Commissioning spares | | | | | |
| NAME OF PROJECT: | | | 3x200MW + 4X500MW KORBA TPP (FGD SYSTEM PACKAGE) | | |
| NAME OF PACKAGE: | | | HVAC FOR FGD | | |
| TECHNICAL SPECIFICATION No: | | | PE-TS-466-(571-13000-A)-A002 | | |
| SL NO | DESCRIPTION | UNIT | Qty | Unit Ex-Works Price (INR) | Total Ex-Works Price (INR) |
| 1 | FAN BELTS | SET | 1 | | ₹ - |
| 2 | PRESSURE GAUGE | NO. | 1 | | ₹ - |
| 3 | TEMPERATURE GAUGE | NO. | 1 | | ₹ - |
| 4 | FILTER | SET | 1 | | ₹ - |
| 5 | COMPRESSOR OIL | Lot | 1 | | ₹ - |
| 6 | REFRIGERANT | Lot | 1 | | ₹ - |
| 7 | LUBRICANT (EACH TYPE) | Lot | 1 | | ₹ - |
| | Total | | | | ₹ - |
| NOTES | | | | | |
| 1 | ABOVE IS THE MINIMUM LIST. ANY OTHER COMMISSIONING SPARE REQUIRED FOR THE SYSTEM SHALL ALSO BE PROVIDED BY THE VENDOR WITHOUT ANY COST IMPLICATION. | | | | |

These Conditions shall be read and construed along with General Conditions of Contract (GCC) Rev. 07 dated 10.01.2020, to be enclosed along with the tender enquiry. In case of any conflict or inconsistency, the conditions given in SCC shall prevail over the GCC.

| Sl No. | Title | Description |
|--------|-------------------------------------|---|
| 1. | Project Name | 3 X 200 + 3 X 500 + 1 X 500 MW NTPC KORBA TPP STAGE I,II & III- FGD (LOT-3) |
| 2. | Nature of project & Type of Bidding | NON-MEGA, Competitive Bidding |
| 3. | Customer Order Ref No | CS-2100-109(3)-9-FCNOA-6843 dated 22.08.2019 CS-2100-109(3)-9-SCNOA-6844 dated 22.08.2019 |
| 4. | BHEL's Customer | NTPC |
| 5. | NTPC KORBA GSTIN. | 22AAACN0255D4Z5 |
| 6. | Customer Consultants | No consultant |
| 7. | Consignee Address (Bill To) | For supply package: BHEL, Power Sector-Project Engineering Management, Power Project Engineering Institute, Plot No. 25, Sector-16A, Noida, Uttar Pradesh-201301. GSTIN: 09AAACB4146P2ZC For turnkey packages (where BHEL-PEM will issue only the LOA and Purchase Order shall be issued by BHEL-PSWR): Construction Manager, BHEL site office, 3 X 200 + 3 X 500 + 1 X 500 MW NTPC KORBA TPP STAGE I, II & III- FGD, DIST: KORBA, STATE: CHHATTISGARH, PIN code 495450 BHEL PSWR GSTIN No.- 22AAACB4146P1ZP |
| 8. | Delivery Address (Ship To) | Construction Manager, BHEL site office, 3 X 200 + 3 X 500 + 1 X 500 MW NTPC KORBA TPP STAGE I, II & III- FGD, DIST: KORBA, STATE: CHHATTISGARH, PIN code 495450 |
| 9. | BHEL Site Office Address | Construction Manager, BHEL site office, 3 X 200 + 3 X 500 + 1 X 500 MW NTPC KORBA TPP STAGE I, II & III- FGD, DIST: KORBA, STATE: CHHATTISGARH, PIN code 495450 |
| 10. | Location of Plant | The plant is located in Korba district of Chhattisgarh at a distance of about 10 km from Korba town. Nearest railway station is Champa Railway Station about 37 Kms. from the project site. The nearest airport at Bilaspur is at a distance of about 110 Kms from project site. |
| 11. | Mode of Dispatch | For indigenous supplies: By Road on door delivery and freight pre-paid basis. For imported supplies: On C&F basis. |
| 12. | BHEL GSTIN Details | For supply packages: BHEL-PEM is registered in the State of Uttar Pradesh with GSTIN 09AAACB4146P2ZC For Turnkey packages: BHEL PSER BIHAR GSTIN No.- 22AAACB4146P1ZP |
| 13. | Transit Insurance | In BHEL Scope. For each dispatch, vendor shall inform the following to the Underwriter under intimation to BHEL-PEM and BHEL Site office: (i) Policy No. (ii) Consignee Name. (iii) Consignment Details (items with their weights and value (in INR). (iv) Project Name and P.O. No. (v) LR No. and date, Dispatch origin and destination details, Invoice No. |

Shiv
20/01/2020

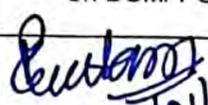
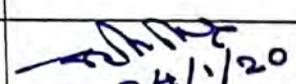
Shiv
22/01/2020

| | | |
|-----|--|--|
| | | Vendors to intimate the underwriters quoting the insurance Policy No. as mentioned in PO. |
| 14. | Dispatch intimation | Yes, in writing, not less than 30 (Thirty) days prior to date of shipment and dispatch details to be sent to: BHEL Site office (address as mentioned at Sl. No. 9) BHEL PEM Noida (address as mentioned in NIT for PO issued by PEM) BHEL PSWR Nagpur (For PO Issued by BHEL PSWR) |
| 15. | Document required for Vendor's payment. | For claiming the payment, documents as mentioned in GCC rev 07 shall be submitted by vendor to BHEL. Packing List must comply to Clause No. 19.3 of General Commercial Terms & Conditions of GCC rev.07. Description of items in packing list shall be as per PO such that proper correlation between PO & packing list must be furnished. Soft copy of documents for claiming payment shall be submitted by vendor as advance copy. |
| 16. | Buyer and Paying Authority | For packages where PEM will issue the Purchase Order: BHEL PEM will be the paying authority. For packages where BHEL-PEM will issue only the LOA and Purchase Order shall be issued by BHEL PSWR, 3 X 200 + 3 X 500 + 1 X 500 MW NTPC KORBA TPP STAGE I, II & III-FGD BHEL Site will be the paying Authority. |
| 17. | Demurrage charges | Demurrage charges shall be paid by supplier/ vendor only to the transporter. No claim shall be acceptable to BHEL in this regard. |
| 18. | Unloading, Storage & Movement of material at site | a.) By BHEL site office for supply packages. (where only supply is in vendor's scope) b.) By vendors for Turnkey (where Supply and E&C is in vendor's scope) Note: The Supplier shall furnish LR wise Gross Wt. of the consignment for the purpose of handling the consignment by BHEL Site Contractor. Please note that unloading of materials at Site shall sometimes may take 3-4 days. As such, transporters to be advised suitably before dispatch of materials in this regards. Also, no claim on a/c of delay in unloading before this period shall be entertained. Prior intimation as mentioned in sl. no. 14 above is solicited |
| 19. | Concessional custom duty against Essentiality certificate (EC) | The project has been qualified through Project Import route. Accordingly, the benefits applicable to PI project would be granted for this project. In this regard applicable documents such as Essentiality certificate will be issued by NTPC (ultimate customer). Under this, Concessional rate of Customs Duty shall be applicable on the Import Contents of the supplier respectively. Based on the above EC, Customs Duty Benefits will be passed on to the vendor. The Bidder to indicate the Import contents i.e. list of the item, Currency of Import and Country of Import including CIF value in their offers. BHEL shall inform, the availability of CIF value for a particular package, if any, at the time of NIT. The benefits availed in Concessional Customs Duty must be passed on to BHEL in their offer. Vendor shall inform BHEL and provide the necessary documents to obtain required certificates from BHEL to avail exemption. Obtaining custom duty benefit in line with the Essentiality Certificate issued shall be in vendor's scope. |
| 20. | Taxes & Duties (For Domestic Vendor) | As per General Conditions of Contract (GCC rev 07) |
| 21. | Taxes & Duties (For Order Directly to Foreign Bidders) | In case of foreign vendors, quoted prices & Dispatches shall be on C & F Indian (Mumbai) port basis and the Taxes & duties in the country of dispatch shall be borne by Foreign vendor. All the Taxes & duties and other charges applicable in India shall be borne by BHEL-PEM for the direct order placed by PEM to the foreign bidder and by BHEL-PSWR for the orders placed by PSWR. |
| 22. | Inspection Agency | Inspection of packages shall be carried out by agency as per below Inspection category of packages: 1) Cat-I: Inspection shall be done jointly or separately by NTPC and BHEL or BHEL's TPIA 2) Cat-II: Inspection shall be done by BHEL or BHEL TPIA only. 3) Cat-III: Certificate of Compliance shall be furnished by the Vendor. Note: Please note, for Cat I & II items BHEL reserve the right to carry inspection by themselves or through nominated third party inspection agency (TPIA). For Inspecting Agency for various items, vendor may refer to Quality Plan. Third party inspection agency, if any, shall be informed after award of contract. |

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|-----|---|--|
| 23 | Inspection procedure | <p><u>For Domestic supplies</u></p> <p>Please refer clause no. 14.0 of GCC Rev 07. Vendor to furnish photographs pertaining to packing of materials before despatch. MDCC shall be issued on the basis of clear inspection report (CQIR).</p> <p><u>For Foreign supplies</u></p> <p>In case of Foreign supplies, if NTPC approved 3rd party inspection agency does not participate in the inspection, test certificates & inspection reports duly accepted by the agreed Inspection agency shall be submitted in soft copy to BHEL-PEM. The same shall be reviewed by PEM and then, sent to NTPC for clearance. Vendor to furnish photographs pertaining to packing of materials before despatch. The dispatch clearance (MDCC) by NTPC/ BHEL as applicable shall be given to the foreign supplier or representative in India after acceptance of above test certificates.</p> |
| 24. | Material Dispatch Clearance Certificate (MDCC) Issuing Agency | <p>For Cat-I item, MDCC shall be issued by NTPC and it's the responsibility of vendor to arrange MDCC from them and furnish original MDCC to BHEL.</p> <p>For Cat- II & Cat-III items, MDCC shall be issued by BHEL, which shall be valid for the vendor payment. However, the vendor shall furnish all requisite documents like Material Test Certificates, Inspection Reports etc. required for obtaining of NTPC MDCC by BHEL.</p> |
| 25. | Submission of Final Drgs/ Docs along with O&M Manual, Type Test Certificates (if any) | <p><u>No. of O&M Manuals</u></p> <p>As per GCC rev.07/ Technical Specification/Kick-off meeting.</p> <p>If not specified anywhere, Vendor to submit final approved O&M Manual in 12 Hard copies and 4 No of CD ROMs/DVDs/Portable Hard Disk.</p> |

| | Prepared by | Checked by | Reviewed by | Approved by |
|--------------------|---|------------------|--|--|
| Name | Amit Kumar | Manish Kr. Sinha | P.K. Gautam | Asim Mishra |
| Designation | Sr. Engr./ PG III | Manager/ PG III | Sr. DGM/ PG III | AGM & DH/ PG III |
| Signature |  20/01/2020 | On leave |  22/01/2020 |  24/1/20 |

PRE-QUALIFICATION CRITERIA

| | | | |
|---|---|------------------------------|------------|
|  | PACKAGE: HVAC FOR FGD STANDARD PQR | PE-PQ-999-(571-13000-A)-A001 | |
| | PRE-QUALIFICATION REQUIREMENT | DATE | 16/07/2020 |
| | | REV NO | 01 |

| | |
|------------|--|
| 1. | Supplier should have designed, supplied, erected and commissioned at least one (1) number of both the following systems: - <ul style="list-style-type: none">• AC system: - Minimum installed capacity of AC system shall be 30 TR (Chiller/Precision package AC/Condensing unit/Package AC/ Ductable Split AC).• Ventilation System: - Minimum installed capacity of single UAF / Air Washer / Fan Filtration (With Centrifugal Fan) unit shall be 50,000 CMH for complete Ventilation system. |
| 2. | The supplier has to submit following supporting documents meeting above mentioned pre-qualifying requirement. Copy of minimum one(1) performance certificate (in English) from end user along with copy of related Purchase Order (PO) or Letter of Intent(LOI) or letter of Award(LOA) or Work Order (WO) specifying that the product is running successfully for one (1) year from date of commissioning as on date of techno-commercial bid opening in support of PQR clause at S. No. 1.0 above. |
| 3. | Bidder shall submit design documents to substantiate technical parameters specified in PQR, if the same is not mentioned in performance certificate / purchase order. |
| 4. | Minimum one (1.0) no. Purchase order shall be submitted which should not be more than seven (7) years old as on date of bid submission, for establishing continuity in business. This is over and above the requirement of PO mentioned of PQR clause at S. No. 2.0 above. |
| 5. | Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a self-attested English translated document should also be submitted. |
| 6. | Notwithstanding anything stated above, CUSTOMER/BHEL reserves the rights to satisfy himself on the provenness of the equipment and capability and capacity of the manufacturers. |
| 7. | Notwithstanding anything stated above, CUSTOMER/BHEL reserves the right to assess the capabilities and capacity of the Bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer. |
| 8. | Consideration of offer shall be subject to customer's approval of bidders, if applicable. |
| 9. | After satisfactory fulfilment of all the above criteria / requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender. |
| 10. | Bidder shall provide all necessary data such as type, design make, capacity, duty, conditions, date of commissioning operation etc. |



PRE - QUALIFYING REQUIREMENTS

PROJECT: 3X200+3X500+1x500 MW NTPC KORBA TPP-FGD

PACKAGE: HVAC FOR FGD

CRITERIA FOR EVALUATION - FINANCIAL :

| | Amount (in Rs.) |
|--|---------------------|
| Average annual financial turnover value during any three out of last six Financial Years as on tender due date should not be less than | 66,00,000.00 |

Rs.Sixty Six Lakh only

Notes:-

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

i) If the accounts are available for ≤ 1 Financial Year, the Average Annual Turnover shall be calculated based on available information divided by 1 (One).

ii) If the accounts are available for >1 but ≤ 2 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 2 (Two).

iii) If the accounts are available for >2 but ≤ 3 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 3 (Three).

b) Foreign bidder is to submit a latest report from reputed third party business rating agency like Dun & Bradstreet, Credit reform etc. in addition to the documents mentioned at point (a) above for review of above criteria.

c) Other Income shall not be considered for arriving at Annual Turnover/Sales. For evaluation purpose, turnover figure excluding taxes shall be considered.

d) For evaluation of foreign bidder, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid in case of two part bid) shall be considered.

e) Bidder who is 50% or above subsidiary of any other company including those registered outside India and does not meet any of the above Financial Criteria, such bidder may be qualified based on credentials of its holding company provided such holding company meets the above PQR criteria. In such case, the Bidder would be required to furnish a Letter of Support from its Holding Company, pledging unconditional and irrevocable financial support for the execution of the Contract by the Bidder in case of award.

f) In cases where audited results for the last financial year as on the date of Techno Commercial bid opening are not available, a Certificate would be required from CEO/CFO stating that the financial results of the Company are under audit as on the date of Techno-commercial bid opening and are not available.

Annexure-A to NIT

CONCILIATION

Any dispute, difference or controversy of whatever nature howsoever arising under or out of or in relation to this Agreement (including its interpretation) between the Parties, and so notified in writing by either Party to the other Party (the "Dispute") shall, in the first instance, be attempted to be resolved amicably in accordance with the conciliation procedure as per BHEL Conciliation Scheme 2018. The proceedings of Conciliation shall broadly be governed by Part-III of the Arbitration and Conciliation Act 1996 or any statutory modification thereof and as provided in - "Procedure for conduct of conciliation proceedings" (as available in www.bhel.com).

Note: Ministry of Finance has issued OM reference No. 1/2/24 dated 03.06.2024 regarding "Guidelines for Arbitration and Mediation in Contracts of Domestic Public Procurement. In the said OM it has been recommended that Government departments/ Entities/agencies are to encourage mediation under the Mediation Act. 2023. The said Act has not yet been notified by the Government. Therefore, the clause "Settlement of Disputes" shall be modified accordingly as and when the Mediation Act 2023 gets notified.

ARBITRATION

- i. Except as provided elsewhere in this Contract, in case Parties are unable to reach amicable settlement (whether by Conciliation to be conducted as provided in Clause 2.21.1 herein above or otherwise) in respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract (hereinafter referred to as the 'Dispute'), then, either Party may, refer the disputes to Arbitral Institution i.e. "**India International Arbitration Centre (IIAC) Delhi**" for PSNR & PSEER / "**Mumbai Centre for International Arbitration (MCIA), Mumbai**" for PSWR / "**Nani Palkhivala Arbitration Centre (NPAC) Chennai**" for PSSR and such dispute to be adjudicated by Sole Arbitrator appointed in accordance with the Rules of said Arbitral Institution.
- ii. A party willing to commence arbitration proceeding shall invoke Arbitration Clause by giving notice to the other party in terms of section 21 of the Arbitration & Conciliation Act, 1996 (hereinafter referred to as the 'Notice') before referring the matter to arbitral institution. The Notice shall be addressed to the **Head of the Region, Power Sector/ Unit, BHEL, executing the Contract** and shall contain the particulars of all claims to be referred to arbitration with sufficient detail and shall also indicate the monetary amount of such claim including interest, if any.
- iii. After expiry of 30 days from the date of receipt of aforesaid notice, the party invoking the Arbitration shall submit that dispute to the Arbitral Institutions and that dispute shall be adjudicated in accordance with their respective Arbitration Rules. The matter shall be adjudicated by a Sole Arbitrator who shall necessarily be a Retd. Judge having considerable experience in commercial matters to be appointed/nominated by the respective institution. The cost/expenses pertaining to the said Arbitration shall also be governed in accordance with the Rules of the respective Arbitral Institution. The decision of the party invoking the Arbitration for reference of dispute to a specific Arbitral institution for adjudication of that dispute shall be final and binding on both the parties and shall not be subject to any change thereafter. The institution once selected at the time of invocation of dispute shall remain unchanged.
- iv. The fee and expenses shall be borne by the parties as per the Arbitral Institutional rules.

- v. The Arbitration proceedings shall be in English language and the seat and venue of Arbitration shall be Delhi for PSNR/ Kolkata for PSER/ Nagpur for PSWR/ Chennai for PSSR.
- vi. Subject to the above, the provisions of Arbitration & Conciliation Act 1996 and any amendment thereof shall be applicable. All matters relating to this Contract and arising out of invocation of Arbitration clause are subject to the exclusive jurisdiction of the Court(s) situated at Delhi for PSNR/ Kolkata for PSER/ Nagpur for PSWR/ Chennai for PSSR.
- vii. Notwithstanding any reference to the Designated Engineer or Conciliation or Arbitration herein, a. the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree. Settlement of Dispute clause cannot be invoked by the Contractor, if the Contract has been mutually closed or 'No Demand Certificate' has been furnished by the Contractor or any Settlement Agreement has been signed between the Employer and the Contractor.
- viii. The Mechanism of resolution of disputes through arbitration shall be available only in the cases where the value of the dispute is less than Rs. 10 Crores.
- ix. In case the disputed amount (Claim, Counter claim including interest is Rs. 10 crores and above, the parties shall be within their rights to take recourse to remedies other than Arbitration, as may be available to them under the applicable laws after prior intimation to the other party. Subject to the aforesaid conditions, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof as amended from time to time, shall apply to the arbitration proceedings under this clause.
- x. In case, multiple arbitrations are invoked (whether sub-judice or arbitral award passed) by any party to under this contract, then the cumulative value of claims (including interest claimed or awarded) in all such arbitrations shall be taken in account while arriving at the total claim in dispute for the subject contract for the purpose of above clause. Disputes having cumulative value of less than 10 crores shall be resolved through arbitration and any additional dispute shall be adjudicated by the court of competent jurisdiction.

IFFCO - TOKIO GENERAL INSURANCE CO. LTD

Regd. Office: IFFCO SADAN,C1 Distt Centre,Saket,New Delhi- 110017

Endorsement- Marine Cargo Open

Policy Schedule Cum Tax Invoice

ORIGINAL FOR RECIPIENT

GST Applicable

UIN No. **IRDAN106P0007V01200102**



Serviceing Office:

IFFCO-TOKIO General Ins. Co. Ltd

IFFCO House,

2 & 3 Floor, 34 Nehru Place

New Delhi -110019

State Code: 07, GSTIN: 07AAACI7573H1ZE

General Insurance Services:- 997135

| | | | |
|-----------------|---|---|---------------|
| Insured's name: | BHARAT HEAVY ELECTRICALS LTD | Original Invoice No. | 22722030 |
| Address: | 8, SOUTH AVENUE, CHOUBEY COLONY, RAIPUR, CHHATTISHGARH RAIPUR (M CORP.) CHHATTISGARH 492001 | Unique Invoice No. | 2272203000013 |
| State Code: | 22 Country Name: India GSTIN: 22AAACB4146P1ZP | Policy No..... | : 22722030 |
| Phone Number: | Agent No. 23000002 | Date of Issuance | : 24/07/2025 |
| | | Endorsement Effectivte Date | : 08/07/2025 |
| | | Policy effective from 28:23:27 hrs 09/11/2020 | |
| | | To MidNight 08/10/2026 | |

Not withstanding any thing contained to the contrary,it is hereby declared and agreed that

Lot No.20554951/21067268/001
 With Effect From 08/07/2025
 =====
 The Period of insurance in the above mentioned policy is
 Further extended i. e. from 09.07.2025 to 08.10.2026
 =====

Subject otherwise to the terms,conditions and exclusions of the policy,upon which this endorsement has been issued
 Exclusion: Losses or damages caused directly or indirectly due to any infectious or contagious disease, pandemic /epidemics as declared by WHO and / or
 Government of India will be an exclusion under this policy.

| | Taxable Value | CGST | SGST | IGST | CESS |
|-----------|---------------|------|------|-------------|-------|
| Rate | | 0.00 | 0.00 | 0.00 | 0.00 |
| Amount | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Tax | | ₹0.0 | | Total Value | ₹0.00 |

Toll Free : 1-800-103-5499 ; Other : (0124) 428-5499 ; SMS "claim" to 56161
 Policy Issuing Office: Delhi Consolidated Stamp Duty deposited as per the order of Government of National Capital Territory of Delhi

Validity unknown

Digitally signed by GUNASEKHAR BOGA
 Date: 2025.07.24 09:21:16 IST
 Reason: Valid Policy Copy
 Location: IFFCO Tokio General Insurance Company Ltd, India



Marine Cargo Open (UIN : IRDAN106P0007V01200102)
 Attaching to and forming part of Policy Number 22722030

'Show Signature Properties'-->Click on 'Show signer's Certificate'-->Go to Tab 'Trust'-->Click on 'Add to
 Trusted Certificates'-->Click on 'OK'-->Click on 'Close'

IFFCO - TOKIO GENERAL INSURANCE CO. LTD

Regd. Office: IFFCO SADAN,C1 Distt Centre,Saket,New Delhi- 110017

Erection All Risk Insurance - Policy Schedule**Cum Tax Invoice****ORIGINAL FOR RECIPIENT**

GST Applicable

**Serviceing Office:**

IFFCO-TOKIO General Ins. Co. Ltd

IFFCO House,

2 & 3 Floor, 34 Nehru Place

New Delhi -110019

State Code: 07 , GSTIN: 07AAACI7573H1ZE

General Insurance Services : 9971

| | | | | | |
|------------------|--|---------------|-------|--------------------------------------|-----------------|
| Insured's Name : | BHARAT HEAVY ELECTRICALS LIMITED. | | | Unique Invoice No.....: | 32141675 |
| Address: | POWER SECTOR WESTERN REGION 5th & 6th FLOOR SHREE MOHINI COMPLEX 345, KINGS WAY, NAGPUR NAGPUR (M CORP.) , MAHARASHTRA Pincode: 440001 | | | Policy No.....: | 32141675 |
| State Code: | 27 | Country Name: | India | GSTIN: | 27AAACB4146P1ZF |
| Phone Number: | NA | C/N No: | | Agent No. | 23000002 23A |
| Aadhar No.: | | | | Date of Issuance.....: | 12/11/2020 |
| | | | | Policy effective from 00:00 hrs | 09/11/2020 |
| | | | | To MidNight | 08/03/2023 |
| | | | | Inclusive of 1 Months testing period | |

Co-Insurance Details

| Name | Type | Percent |
|--------------------------|------|---------|
| ITGI | L | 50.00 |
| 23-ICICI-LOMBARD COO | F | 25.00 |
| 23-OIC-COO | F | 15.00 |
| 23-FUTURE GENERALI - COO | F | 10.00 |

| | Taxable Value | CGST | SGST | IGST | CESS |
|------------------|---------------|-------------|------|--------------------|-------------|
| Rate | | 0.00 | 0.00 | 18.00 | 0.00 |
| Amount | 7280501.00 | 0.00 | 0.00 | 1310490.18 | 0.00 |
| Total Tax | | ₹1310490.18 | | Total Value | ₹8590991.18 |

| | |
|--------------------------|---|
| Hypothecation | |
| Site of Errection | NTPC Super Thermal Power Project, Korba, Chhattisgarh |
| Nature of Project | TRANSFORMERS -ABOVE 500 MVA |

| SI | Insured Items : Section I - Material Damage | Sum Insured (Rs.) |
|----|---|-------------------|
| 1 | Completely Erected Value | ₹14707800000 |

| | |
|--|--------------|
| Project : Total Sum Insured (Section I) | ₹14707800000 |
| ₹Terrorism Extension | ₹16178580000 |

| Code | Add On Covers / Extensions | Sum Insured |
|------|----------------------------|-------------|
| | | |

Attaching to and forming part of Policy Number 32141675

'Show Signature Properties'-->Click on 'Show signer's Certificate'-->Go to Tab 'Trust'-->Click on 'Add to Trusted Certificates'-->Click on 'OK'-->Click on 'Close'

Additional Details / Clauses / Endorsements / Warranties

Tender No. BHEL .CO. FIN.INS:PSWR:NTPC KORBA:FGD (REV)

-

Occupancy : Super Thermal Power project stage I,II & III

. (3x210 MW + 3x350 MW + 1x500 MW)

-

Project Details : Fuel Gas Desulphurisation (FGD) package

. for NTPC, KORBA Super Thermal Power

. Project stage I,II & III (3x210 MW +3x350

. MW + 1x500 MW) Chhattisgarh

-

Insured : Bharat Heavy Electricals Ltd.

Address BHEL-PSWR,

. Nagpur Maharashtra

. GST No : 27AAACB4146P1ZF

-

Principal Beneficiary: NTPC Ltd

. NTPC Bhawan, Core-7

. Scope Complex, Institutional Area

. Lodhi Road, New Dwlhi-110003

-

Project Period : 09/11/2020 to 08/03/2023

-

Add-On Cover :-

* Earthquake & STFI Covered.

* 50/50 clause

* 72 hours clause

* Free automatic reinstatement clause up to 10% of the Sum

. Insured

* Loss Minimization expenses

* Professional fees.

* Third Party Liability including cross liabilities

. (AOA/AOY- Rs 50 Lakh per occurrence)- Rs 10 Cr

* Escalation of 10% of Policy Sum insured

* Waiver of Contribution clause

* Damage due to falling objects

* Debris removal upto 50 lakhs

* Expediting cost including Air Freight and Express Freight

. (Up to 30% of net claim amount)

* Fragile items like glass, insulation, refractory,

. insulators, mineral wool mattress, fire bricks etc. (in

. boxes or loose as may be) - with Sum Insured upto Rs. 2 Cr

* Waiver of Subrogation Clause.

* Expediting cost including Holiday, overtime, Air Freight &

. expenses freight (up to 30% of net claim amount)

Attaching to and forming part of Policy Number 32141675

'Show Signature Properties'-->Click on 'Show signer's Certificate'-->Go to Tab 'Trust'-->Click on 'Add to Trusted Certificates'-->Click on 'OK'-->Click on 'Close'

* pair and set clause

* Cost of reproducing/reacquiring information up to
. Rs. 2,000,000

* Property belonging to or held in the care, custody or
. control of the insured up to a value of Rs 5 Cr

* Terrorism covered

* Defect Liability period/ extended maintenance period- 18
. Months

* Civil Engineering Works - To cover the risk of loss or
. damage to the property brought on the site of Erection for
. the performance of the contract as follows-

1 All permanent Civil Engineering Works such as buildings,
. foundations, earthwork including materials for the
. constructions thereon

2 All temporary civil works such as buildings, sheds.

-

Excess:-

Air Freight- 5% of air freight claim amount

-

Warranties :-

* Warranted that the consignment related to project has not
. reached the site prior to 09/11/2020, as declared.

* Any loss or damage prior to receipt of premium is not
. covered under the policy.

Excess

| |
|---|
| For Storage & Erection (Normal) Claims - 5.0 % of the claim amount subject to a minimum of Rs 75000 |
| For Testing Period Claims- 5.0 % of the claim amount subject to a minimum of Rs 200000 |
| For Act of God Claims (Memo 6) - 10.0 % of the claim amount subject to a minimum of Rs 200000 |
| For Fire/Explosion Claims- 10.0 % of the claim amount subject to a minimum of Rs 200000 |

Installment Premium Payment Clause

Notwithstanding the provisions of Articles of General Conditions of Erection Insurance, the Company agrees that the insured shall pay the total premium with service tax of 17264951.00 in installments as detailed below .

| Installment No | Due Date | Installment Prem | Terrorism Prem | Total Prem without Tax | Tax | Total Prem |
|----------------|------------|------------------|----------------|------------------------|-----|------------|
| 1 | 07/11/2020 | 7280501 | 0 | 7280501 | .00 | 7280501.00 |
| 2 | 06/02/2021 | 1426350 | 0 | 1426350 | .00 | 1426350.00 |
| 3 | 06/05/2021 | 1426350 | 0 | 1426350 | .00 | 1426350.00 |
| 4 | 06/08/2021 | 1426350 | 0 | 1426350 | .00 | 1426350.00 |
| 5 | 06/11/2021 | 1426350 | 0 | 1426350 | .00 | 1426350.00 |
| 6 | 06/02/2022 | 1426350 | 0 | 1426350 | .00 | 1426350.00 |
| 7 | 06/05/2022 | 1426350 | 0 | 1426350 | .00 | 1426350.00 |
| 8 | 06/08/2022 | 1426350 | 0 | 1426350 | .00 | 1426350.00 |

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'Show Signature Properties'-->Click on 'Show signer's Certificate'-->Go to Tab 'Trust'-->Click on 'Add to Trusted Certificates'-->Click on 'OK'-->Click on 'Close'

| E061 | Sanctions Limitation and Exclusion Clause |
|---|--|
| E025 | Civil Engineering Works |
| E026 | Fire/Explosion Claims and Fire Fighting |
| E031 | Endorsement Concerning Storage |
| E032 | Safety Measures |
| E033 | Endorsement regarding damage to Crops,Forests etc. |
| E034 | Endorsement Concerning underground Cables and Pipes |
| E052 | Earthquake Extension |
| E006 | Extended Maintenance Cover |
| E007 | 72 Hours Clause |
| E008 | 50:50 Clause |
| E053 | Terrorism Extension |
| E051 | Third Party Liability |
| E014 | Cover for Cross Liability |
| E013 | Automatic Reinstatement Clause |
| E012 | Owners Surrounding Property -(With or without FLEXA) |
| E011 | Loss Minimisation Expenses |
| E009 | Professional Fees Clause |
| E001 | Escalation Clause |
| E010 | Clearance and Removal of Debris |
| E002 | Air Freight |
| E003 | Cover of Extra Charges for Overtime , Night Work,and work on Public Holidays,Express Freight including Air Freight |
| E015 | Waiver of Subrogation |
| The coverage is as per policy wordings / endorsements / clauses attached. Please go through the Policy and in case of any discrepancy, please inform us. In case of cheque dishonour, policy stands cancelled ab-intio. | |
| Exclusion: Losses or damages caused directly or indirectly due to any infectious or contagious disease, pandemic /epidemics as declared by WHO and / or Government of India will be an exclusion under this policy. | |
| Toll Free : 1-800-103-5499 ; Other : (0124) 428-5499 ; SMS "claim" to 56161 | |
| Corporate Identity Number(CIN): U74899DL2000PLC107621 | |

Attaching to and forming part of Policy Number 32141675

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Erection All Risks Insurance Policy Wordings

WHEREAS the insured named in the Schedule hereto had made to THE IFFCO-TOKIO GENERAL INSURANCE CO. LTD. (hereinafter called "the Company") a written proposal by completing a Proposal Form which together with any other statements made in writing by the Insured for the purpose of this Policy is deemed to be incorporated herein.

NOW THIS POLICY OF INSURANCE WITNESSETH

that subject to and in consideration of the Insured having paid to the Company, the premium mentioned in the said Schedule and subject to the terms, exclusions, provisions and conditions contained herein or endorsed hereon the company will indemnify the Insured against sudden and unforeseen physical loss of or damage to the property insured in the manner and to the extent hereinafter provided.

GENERAL EXCLUSIONS-

The Company will not indemnify the Insured in respect of loss, damage or liability directly or indirectly caused by or arising out of or aggravated by :-

(a) War, invasion, act of foreign enemy, hostilities or war like operations (whether war be declared or not), civil war, rebellion, revolution, insurrection, mutiny, civil commotion, military or usurped power, martial law, conspiracy, confiscation commandeering a group of malicious person or persons acting on behalf of or in connection with any political organisation, requisition or destruction or damage by order of any Government de jure or de facto or by any public, municipal or local authority.

(b) Nuclear reaction, nuclear radiation or radioactive contamination.

(c) Wilful act or wilful negligence of the Insured or of his responsible representative.

(d) Cessation of work whether total or partial. In any action, suit or other proceedings where the company allege that by reason of the provisions of Exclusion (a) above any loss, destruction, damage or liability is not covered by this insurance, the burden of proving that such loss, destruction, damage or liability is covered shall be upon the Insured.

(e) Terrorism Damage Exclusion Warranty:

This Policy excludes loss, damage, cost or expense of whatsoever nature directly or indirectly caused by, resulting from or in connection with any act of terrorism regardless of any other cause or event contributing concurrently or in any other sequence to the loss.

For the purpose of this exclusion, an act of terrorism means an act or series of acts, including but not limited to the use of force or violence and/or the threat thereof, of any person or group(s) of persons, whether acting alone or on behalf of or in connection with any organisation(s) or government(s), or unlawful associations, recognized under Unlawful Activities (Prevention) Amendment Act, 2008 or any other related and applicable national or state legislation formulated to combat unlawful and terrorist activities in the nation for the time being in force, committed for political, religious, ideological or similar purposes including the intention to influence any government and/or to put the public or any section of the public in fear for such purposes.

This exclusion also includes loss, damage, cost or expense of whatsoever nature directly or indirectly caused by, resulting from or in connection with any action taken in controlling, preventing, suppressing or in any way relating to the above.

PERIOD OF COVER -

The liability of the Company shall commence, (notwithstanding any date to the contrary specified in the Schedule) only from the time after the unloading of the property specified in the Schedule from any conveyance at the site specified in the schedule and shall continue until immediately after the first test operation or test loading is concluded (whichever is earlier) but in no case beyond four weeks from the day on which after completion of erection a trial running is made and/or readiness for work is declared by the erectors/contractors, whichever is earlier. If however, a part of a plant or one or several machine/s is/ are tested and put into operation the cover and consequently the liability of the Company for that particular part of the plant or machine ceases whereas it continues for the remaining parts which are not yet ready.

In case after the expiry of four weeks of trial running, approval of the plant or any part thereof is not given by the concerned Authorities the cover for the extended period of further trial running can be covered at extra premium to be arranged before hand. If the actual erection period is shorter than the period indicated in the Schedule, no refund of premium shall be allowed, unless specifically allowed by Insurers.

In the case of second-hand / used property, the insurance hereunder shall however, cease immediately on the commencement of the testing.

At the latest, the insurance shall expire on the date specified in the Schedule but if the work of erection and test operations included in the insurance is not completed within the time specified hereunder, the Company may extend the period of Insurance but the Insured shall pay to the Company additional premium at agreed rates.

GENERAL CONDITIONS -

Attaching to and forming part of Policy Number 32141675

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1. The due observance and fulfillment of the terms of this Policy in so far as they relate to anything to be done or complied with by the Insured and the truth of the statements and answers in the questionnaire and proposal made by the Insured shall be a condition precedent to any liability of the Company.
2. The Schedule and the Section(s) shall be deemed to be incorporated in and form part of this Policy and the expression "this Policy" wherever used in this contract shall be read as including the Schedule and the Section(s). Any word or expression to which a specific meaning has been attached in any part of this Policy or of the Schedule or of the Section(s) shall bear such meaning wherever it may appear.
3. The Insured shall at his own expense take all reasonable precautions and comply with all reasonable recommendations of the Company to prevent loss, damage or liability and comply with statutory requirements and manufacturers' recommendations.
4. (a) Representatives of the Company shall at any reasonable time have the right to inspect and examine the risk and the Insured shall provide the representatives of the company with all details and information necessary for the assessment of the risk.
(b) The Insured shall immediately notify the Company by telegram and in writing of any material change in the risk and cause at his own expense such additional precautions to be taken as circumstances may require and the scope of cover and/or premium shall, if necessary be adjusted accordingly.
No material alteration shall be made or admitted by the Insured whereby the risk is increased unless the continuance of the Insurance be confirmed in writing by the Company.
5. In the event of any occurrence, which might rise to a claim under this Policy, the Insured shall :
 - (a) immediately notify the Company by telephone or telegram as well as in writing giving an indication as to the nature and extent of loss or damage.
 - (b) take all steps within his power to minimize the extent of the loss or damage
 - (c) preserve the parts affected and make them available for inspection by a representative of the company or Surveyor deputed by the Company.
 - (d) furnish all such information and documentary evidence as the company may require. (e) inform the police authorities in case of loss or damage due to theft or burglary.The Company shall not in any case be liable for loss, damage or liability of which no notice has been received by the Company within 14 days of its detection. Upon notification being given to the Company under this condition, the Insured may carry out the repair or replacement of any minor damage not exceeding Rs. 7,500/-. In all other cases a representative of the Company shall have the opportunity of inspecting the loss or damage before any repairs or alterations are affected. If a representative of the Company does not carry out the inspection within a period of time which could be considered as adequate under the circumstances the Insured is entitled to proceed with the repairs or replacement.
The liability of the Company under this Policy in respect of any item sustaining damage shall cease if said item is not repaired properly without delay.
6. The Insured shall at the expense of the Company do and concur in doing and permit to be done all such acts and things as may be necessary or required by the Company in the interest of any rights or remedies, or of obtaining relief or indemnity from parties (other than those insured under this Policy) to which the company shall be or would become entitled or subrogated upon their paying for or making good any loss or damage under this Policy, whether such acts and things shall be or become necessary or required before or after the Insured's indemnification by the Company.
7. If any dispute or difference shall arise as to the quantum to be paid under this policy (liability being otherwise admitted) such difference shall independently of all other questions be referred to the decision of a sole Arbitrator, to be appointed in writing by the parties to or, if they cannot agree upon a single arbitrator within 30 days of any party invoking Arbitration, the same shall be referred to a panel of three Arbitrators, comprising of two Arbitrators- one to be appointed by each of the parties to the dispute/difference, and the third Arbitrator to be appointed by such two Arbitrators and arbitration shall be conducted under and in accordance with the provisions of the Arbitration and Conciliation Act 1996.
It is clearly agreed and understood that no difference or dispute shall be referable to arbitration as herein before provided, if the Company has disputed or not accepted liability under or in respect of this policy.
It is hereby expressly stipulated and declared that it shall be a condition precedent to any right of action or suit upon this policy that the award by such arbitrator, arbitrators or umpire of the amount of the loss or damage shall be first obtained.
8. If a claim is in any respect fraudulent, or if any false declaration is made or used in support thereof, or if any fraudulent means or devices are used by the Insured or anyone acting on his behalf to obtain any benefit under this Policy, or if a claim is made and rejected and no action or suit is commenced within three months after such rejection or, in case of arbitration taking place as provided therein, within three months after the Arbitrator or Arbitrators or Umpire have made their award, all benefit under this Policy shall be forfeited.
9. If at the time any claim arises under this Policy there be any other insurance covering the same loss, damage or liability the Company shall not be liable to pay or contribute more than their rateable proportion of any claim for such loss, damage or liability.
10. This insurance may be terminated at the request of the insured at any time in which case the Insurers will refund appropriate premium amount subject to the

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following conditions: -

- (i) Claim experience under the policy as on date of cancellation should be less than 60% of reworked premium.
- (ii) The unexpired period is not less than 3 months or 25% of the policy period whichever is less.
- (iii) Testing period should not have commenced.

This insurance may also at any time be terminated at the option of the Insurer by 15 days notice to that effect being given to the insured in which case the Insurer shall be liable to repay on demand a rateable proportion of the premium for the unexpired term from the date of cancellation.

SECTION I - MATERIAL DAMAGE

The Company hereby agrees with the Insured (subject to the exclusions and conditions contained herein or endorsed hereon) that if, at any time during the period of insurance stated in the said Schedule, or during any further period of extension thereof the property (except packing materials of any kind) or any part thereof described in the said Schedule be lost, damaged or destroyed by any cause, other than those specifically excluded hereunder, in a manner necessitating replacement or repair the Company will pay or make good all such loss or damage up to an amount not exceeding in respect of each of the items specified in the Schedule the sum set opposite thereto and not exceeding in the whole total sum insured hereby - The Company will also reimburse the Insured for the cost of clearance and removal of debris following upon any event giving rise to an admissible claim under this Policy but not exceeding in all the sum (if any) set opposite thereto in the Schedule.

EXCLUSION TO SECTION I -

The Company, shall not, however, be liable for -

- (a) the first amount of the loss arising out of each and every occurrence shown as Excess in the Schedule
- (b) loss discovered only at the time of taking an inventory
- (c) normal wear and tear, gradual deterioration due to atmospheric conditions or otherwise rust, scratching of painted or polished surfaces or breakage of glass
- (d) loss or damage due to faulty design, defective material or casting bad workmanship other than faults in erection. This exclusion shall be limited to the items immediately affected and shall not be deemed to exclude loss or damage to other insured items resulting from such excluded perils
- (e) the cost necessary for rectification or correction of any error during erection unless resulting in physical loss or damage
- (f) loss of or damage to files, drawings, accounts, bills, currency, stamps, deeds, evidence of debt, notes, securities, cheques, packing materials such as cases, boxes, crates
- (g) any damage or penalties on account of the Insured's non-fulfilment of the terms of delivery or completion under this Contract of Erection or of any obligations assumed there under including consequential loss of any kind or description or for any aesthetic defects or operational deficiencies.

PROVISIONS APPLYING TO SECTION - I

Memo 1. SUM INSURED -

It is a requirement of this Insurance that the Sum of Insurance stated in the schedule shall not be less than the completely erected value of the property inclusive of freights, customs duty, erection cost and the insured undertakes to increase or decrease the amount of insurance in the event of any material fluctuation in the level of wages or prices. Provided always that such increase or decrease shall take effect only after the same has been recorded on the policy by the Company. If in the event of the occurrence of a loss, or damage it is found that the Sum Insured representing the completely erected value of the property and/or of particular items involved is less than the amount required to be insured the amount recoverable by the Insured under the policy shall be reduced in such proportion as the Sum Insured bears to the amount required to be insured.

Memo 2. PREMIUM ADJUSTMENT -

The Sum Insured under the Policy representing the completely erected value of the Plant machinery/project shall be adjustable at completion of erection on the basis of the actual values to be declared by the Insured in respect of freight and handling charges, customs dues and costs of erection and the difference in premium shall be met with by payment, at the rate agreed to or by the Insured as the case may be. Any increase or decrease in prime cost of Plant and Equipment shall not be the subject matter of premium adjustment.

Memo 3. BASIS OF LOSS SETTLEMENT

In the event of any loss or damage the basis of any settlement under this Policy shall be -

- (a) in the case of damage which can be repaired, the cost repairs necessary to restore the items to their condition immediately before the occurrence of the damage less salvage, or
- (b) in the case of a total loss the actual value of the items immediately before the occurrence of the loss less salvage

However, only to the extent the costs claimed has to be borne by the Insured and to the extent they are included in the Sum Insured and provided always that the

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provisions and conditions have been complied with. All damages which can be repaired shall be repaired, but if the cost of repairing any damage equals or exceeds the value of the items immediately before the occurrence of the damage the settlement shall be made on the basis provided for in (b) above. The cost of any provisional repairs will be borne by the Company if such repairs constitute part of the final repairs and do not increase the total repair expenses. The cost of any alterations, additions and/or improvements shall not be recoverable under this Policy.

Extension of Cover

Any extra charges incurred for overtime, work on holidays, express freight (excluding air freight) are not covered by this insurance, unless agreed upon at an additional premium. In the event of loss or damage the Insurance, shall notwithstanding be maintained in force during the period of Insurance for the sum insured, the insured undertaking to pay a pro-rata additional premium of the full amount of each claim for the loss or damage from the date of such loss to the expiry of the Period of Insurance.

Memo 4. CONSTRUCTION PLANT AND MACHINERY -

Loss of or damage to Construction Plant and Machinery excludes loss or damage directly caused by its own explosion or its own mechanical or electrical breakdown or derangement.

Memo 5. SURROUNDING PROPERTY -

Loss of or damage to property located on or adjacent to the site and belonging to or held in care, custody or control of the Principal (s) or the Contractor (s) shall only be covered if occurring directly due to the erection, construction or testing of the items insured under Section 1 and happening during the period of cover, and provided that a separate Sum, therefore has been entered in the Schedule under Section I, Item 5 for Principal's specified surrounding property. This cover does not apply to construction/erection machinery, plants and equipment.

Memo 6. MAJOR PERILS / ACTS OF GOD CLAIMS -

The Major Perils / Acts of God claims shall mean the claims arising out of -

Memo 6. MAJOR PERILS / ACTS OF GOD CLAIMS -

The Major Perils / Acts of God claims shall mean the claims arising out of -

- (a) Earthquake - Fire and Shock,
- (b) Landslide/Rockslide/Subsidence,
- (c) Flood/Inundation,
- (d) Storm/Tempest/Hurricane/Typhoon/Cyclone/Lightning or other atmospheric disturbances.

SECTION II - THIRD PARTY LIABILITY

The Company will indemnify the Insured against

- (a) Legal liability for accidental loss or damage caused to property of other persons including property held in trust by or under custody of the Insured for which he is responsible excluding any such property used in connection with erection thereon
- (b) Legal liability (liability under contract excepted) for fatal or non fatal injury to any persons other than the Insured's own employees or workman or employees of the owner of the works or premises or other firms connected with any other erection work thereon, or members of the Insured's family or of any of the aforesaid; directly consequent upon or solely due to the erection of any property described in the Schedule. Provided that the total liability of the Company during the Period of Insurance under this clause shall not exceed the limits of indemnity set opposite thereto in the Schedule. In respect of a claim for compensation to which the indemnity provided herein applies, the Company will, in addition, indemnify the Insured against :-
 - (a) all cost and expenses of litigation recovered by any claimant from the Insured, and
 - (b) all costs and expenses incurred with the written consent of the Company. The exclusion contained in paragraphs (d), (f) and (g) in Section I of this Policy shall apply also to this Section also.

EXCLUSIONS TO SECTION II -

The Company will not indemnify the Insured in respect of -

1. The Excess stated in the Schedule to be borne by the Insured in any one occurrence related to property damage.
2. Expenditure incurred in doing or redoing or making good or repairing or replacing anything covered or coverable under Section I of this Policy
3. Liability consequent upon -
 - a) bodily injury to or illness of employees or workmen of the Contractor(s) or the Principal(s) or any other firm connected with the project which or part of which is insured under Section I or members of their families
 - b) loss of or damage to property belonging to or held in care, custody or control of the Contractor(s), the Principal(s) or any other firm connected with the project

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which or part of which is insured under Section I or an employee or workman of one of the aforesaid;

c) any accident caused by vehicles licensed for general road use or by waterborne vessels or aircraft; d) any agreement by the Insured to pay any sum by way of indemnity or otherwise unless such liability would have attached also in the absence of such agreement.

CONDITIONS APPLYING TO SECTION II -

1. No admission, offer, promise, payment or indemnity shall be made or given by or on behalf of the Insured without the written consent of the Company who shall be entitled, if they so desire, to take over and conduct in the name of the Insured the defence or settlement of any claim or to prosecute for their own benefit in the name of the Insured any claim for indemnity or damage or otherwise and shall have full discretion in the conduct of any proceedings or in the settlement of any claim and the Insured shall give all such information and assistance as the Company may require.

2. The Company may, so far as any accident is concerned, pay to the Insured the limit of indemnity for any one accident, any one period, but deducting there from in such case any sum/s already paid as compensation in respect thereof or any lesser sum for which the claim or claims arising from such accident can be settled and the Company shall thereafter be under no further liability in respect of such accident under this Section.

Erection All Risks Insurance Endorsement Wordings

Endorsements/ Clauses/ Warranties / Extensions wordings

Following are the wordings of the endorsements/ clauses/ warranties/ extensions. Only those endorsements/ clauses/ warranties/ extensions stands covered which are mentioned on the schedule of the policy. Rest of the endorsements/ clauses/ warranties/ extensions stands deleted for all purposes. The applicable endorsements/ clauses/ warranties/ extensions mentioned on the schedule are part of the policy and shall be taken into account for interpretation and determination of coverage and liability under the policy.

Also provided always that all other terms, conditions, provisions and exceptions of the policy shall apply to these Endorsements/ Clauses/ Warranties/ Extensions as if they have been incorporated therein.

E001: Escalation Clause -

In consideration of the payment of additional premium by the insured, It is hereby declared and agreed that the Company shall provide for escalation in Sum Insured under items of Section I of the schedule attached to the policy upto (As specified in the schedule) % of the Original Site value, the basis of claim settlement shall be the original Site value of effected equipment plus increase in cost of replacement, if any, provided that the increase in the value of such equipment does not exceed (As specified in the schedule) % of the original site value.

It is also hereby declared and agreed that in the event of a claim the insured would be considered as fully insured upto the Sum Insured inclusive of (As specified in the schedule) % increase as per selected escalation and under-insurance would apply only in the event of the cost of replacement of the effected equipment exceeding the original value of selected (As specified in the schedule) % towards escalation.

It is however understood and agreed that the premium collected against price escalation herein above shall not be subject to refund the premium adjustment clause in the memo 2 of the policy. It is further understood and agreed that in case of additional premium chargeable during final adjustment, additional escalation premium will be charged to the insured but in case of any premium refundable during final adjustment no refund shall be allowed against the escalation premium already charged to the insured.

E002: Air Freight -

In consideration of the payment of additional premium (or Nil premium as applicable) by the insured, It is hereby declared and agreed that the policy shall also indemnify towards Air Freight incurred by the Insured in connection with the indemnifiable loss under the Policy up to the limit as specified in schedule. Subject otherwise to terms, conditions and exceptions of the policy.

Applicable Excess: As specified in policy schedule.

E003: Cover of Extra Charges for Overtime, Night Work, and Work on Public Holidays, Express Freight including Air Freight -

â€œIn consideration of the payment of additional premium (or Nil premium as applicable) by the insured, It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the Policy or endorsed thereon the Insurer shall indemnify the insured, extra charges for Overtime, Night Work, and Work on Public Holidays and Express freight (including Air Freight) up to the limit as specified in the schedule.

Provided always that such extra charges and incurred in connection with any loss of or damage to the insured items recoverable under the Policy. If the sum(s) insured of the damaged item(s) is/are less than the amount(s) required to be insured, the amount payable under this Endorsement for such extra charges shall be reduced in the same proportion.

Applicable Excess: As specified in policy schedule.

E004: Additional Customs Duty -

In consideration of the insured having paid an additional premium, it is hereby declared and agreed that the insured shall also be indemnified during the currency of this policy, towards Additional Custom Duty which may be incurred by the insured over and above the Custom Duty amount taken into account in arriving at the Sum Insured of the affected item up to the limit as specified in the schedule. The Indemnity for such Additional Custom Duty will stand reduced after occurrence of the claim unless reinstated by payment of an additional premium prescribed by the Company. Subject otherwise to the terms conditions and exceptions of the policy'.

Applicable Excess: As specified in policy schedule.

E005: Maintenance Visits Cover -

In consideration of the payment of an additional premium by the insured, it is hereby declared and agreed that the indemnity provided by this policy is extended to include maintenance cover for the period of (As specified in the schedule) months to be reckoned from the date of completion of Testing, provided the policy period has been extended till completion of Testing. However, during the Maintenance Period this Insurance shall cover solely loss of or damage to the contract works caused by the insured contractor(s) in the course of the operations carried out for the purpose of complying with the obligations under the maintenance provisions of the contract.

Applicable Excess: As specified in policy schedule.

E006: Extended Maintenance Cover -

In consideration of the payment of an additional premium by the Insured, it is hereby declared and agreed that the indemnity provided by this policy is extended to include Maintenance Cover for the period of (As specified in the schedule) months to be reckoned from the date of completion of Testing, provided the policy period has been extended till completion of Testing. However, during the Maintenance period this insurance shall cover loss or damage to the contract works -

- i) Caused by the Insured contractor(s) in the course of the operations carried out for the purpose of complying with the obligations under the maintenance provisions of the contract.
- ii) Occurring during the maintenance period provided such loss or damage was caused on the site during the erection period before the certificate of completion for the lost or damage section was issued.

Applicable Excess: As specified in policy schedule.

E007: 72 Hours Clause -

It is agreed that any loss or damage to the Insured Property arising during any one period of seventy two (72) consecutive hours, caused by storm, tempest, flood or earthquake shall be deemed as a single event and therefore the constitute one occurrence with regard to the Excesses provided for herein. For the purpose of the foregoing the commencement of any such seventy two (72) hours period shall be decided at the discretion of the Insured it being understood and agreed, however, that there shall be no overlapping in any two or more such seventy two (72) hours periods in the event of damage occurring over a more extended period of time.

E008: 50:50 Clause -

In respect of the subject matter Insured hereunder consigned from outside India or within India: 1. Condition: 1.1. The insured shall inspect each item of property insured upon unloading at the site or off-site storage site for possible loss or damage. 1.2. In the event that property insured is to be left in its packaging until a later date the packaging shall be inspected individually and if a sign of loss or damage is found the item involved shall be unpacked and inspected and any loss or damage discovered shall be reported under the marine cargo insurance. 1.3. In the event that it is not possible establish whether the loss or damage has occurred before or after unloading the indemnity shall be shared equally between this policy of insurance and the marine cargo insurance.

E009: Professional Fees Clause -

In consideration of the payment of an additional premium (or Nil premium as applicable) by the Insured, the Indemnity provided by this Policy is extended to include Architects, Surveyors and Consulting Engineers or other Professional Fees necessarily incurred in the reinstatement of the Insured Property consequent upon loss or damage but not for preparing any claim, it being understood that the amount payable for such fees shall not exceed those authorised under the scale of the appropriate professional body. The limit of indemnity will be as mentioned in the schedule.

Applicable Excess: As specified in policy schedule.

E010: Clearance and Removal of Debris -

In consideration of the payment of an additional premium (or Nil premium as applicable), by the Insured, this policy is extended to cover costs and expenses necessarily incurred by the Insured, with the consent of the Insurers in demolishing or removing debris of portions of the property insured by Section I destroyed or damaged by any peril hereby insured against upto an indemnity limit (As Specified in the Schedule) as mentioned in the schedule.

Attaching to and forming part of Policy Number 32141675

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Applicable Excess: As specified in policy schedule.

E011: Loss Minimization Expenses -

In consideration of the payment of an additional premium (or Nil premium as applicable) by the insured, this policy is extended to cover expenses necessarily and reasonably incurred by or on behalf of the Insured (subject to limit of indemnity mentioned in the schedule) in an attempt to prevent or minimise further loss or damage arising from the occurrence of any insured peril resulting in actual damage.

Applicable Excess: As specified in policy schedule.

E012: Owners Surrounding Property (With or without FLEXA) -

In consideration of the payment of an additional premium by the insured, It is hereby declared and agreed that the policy extends to cover loss of or damage to property located on or adjacent to the Project Site and Belonging to or held in care, custody or control of the Principal(s) or the Contractor(s) shall only be covered if occurring directly due to the erection, construction or testing of the items insured under Section I and happening during the period of covers. This cover does not apply to Construction/ Erection Machinery, Plant and Equipment, Temporary Buildings and Temporary site installations. Loss due to Fire, Lightning, Explosion and Aircraft damage to be retained or deleted as per cover decided. Limit of indemnity shall be as Specified in Schedule. Applicable Excess: As specified in Schedule.

E013: Automatic Reinstatement -

In consideration of the payment of an additional premium (or Nil premium as applicable) by the insured, Notwithstanding anything contained herein to the contrary it is hereby agreed and understood that the amounts insured are always to remain at risk and shall not be reduced following loss or damage insured hereunder so long as the aggregate of the sums paid and/or payable does not exceed (As specified in the schedule) % of the completely erected value.

E014: Cover for Cross Liability -

In consideration of the payment of an additional premium by the insured, It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the policy or endorsed thereon, the Third party Liability Cover of the policy shall apply to the insured parties named in the Schedule as if a separate policy had been issued to each party, provided the Company shall not indemnify the insured under the Endorsement in respect of liability for - (i) loss of or damage to items insured or insurable under Section 1 of the policy even if not recoverable due to excess or any limit, (ii) Fatal or non-fatal injury or illness of employees or workmen who are or could have been insured under workmen's compensation and/or employer's liability insurance. (iii) The Insurer's total liability in respect of the insured parties shall not however exceed in the aggregate for any one accident or series of accidents arising out of one event the limit of indemnity stated in the Schedule'.

Applicable Excess: As specified in policy schedule.

E015: Waiver of Subrogation -

In consideration of the payment of an additional premium by the insured, It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the Policy the Insurers shall waive all rights of subrogation arising out of loss or damage indemnifiable under the Policy which the Insurers may have against persons using the insured items with the consent of the Insuredâ€™™.

E016: Outright Defect Exclusion DE-1 -

Notwithstanding anything contained herein to the contrary, it is herein agreed that the Exclusion I.d under section I is replaced with exclusion(s) below: This policy excludes loss of or damage to the Property Insured due to defective design plan specification materials or workmanship

E017: Extended defective condition exclusion DE-2 -

In consideration of the payment of an additional premium by the insured, notwithstanding anything contained herein to the contrary, it is herein agreed that the Exclusion I.d under section I is replaced with exclusion(s) below: This policy excludes loss of or damage to and the cost necessary to replace repair or rectify (a) Property Insured which is in a defective condition due to a defect in design plan specification materials or workmanship of such Property Insured or any part thereof.

(b) Property Insured which relies for its support or stability on (a) above

(c) Property Insured lost or damage to enable the replacement repair or rectification of Property Insured excluded by (a) and (b) above Exclusion (a) and (b) above shall not apply to other Property Insured which is free of the defective condition but is damage in consequence thereof. For the purpose of the Policy and not merely this Exclusion the Property Insured shall not be regarded as lost or damage solely by virtue of the existence of any defect in design plan specification materials or workmanship in the Property Insured or any part thereof. Applicable Excess: As specified in the policy schedule.

E018: Limited defective condition exclusion DE-3 -

In consideration of the payment of an additional premium by the insured, Notwithstanding anything contained herein to the contrary, it is herein agreed that the Exclusion I.d under section I is replaced with exclusion(s) below: This policy excludes loss of or damage to and the cost necessary to replace repair or rectify.

Attaching to and forming part of Policy Number 32141675

'Show Signature Properties'-->Click on 'Show signer's Certificate'-->Go to Tab 'Trust'-->Click on 'Add to Trusted Certificates'-->Click on 'OK'-->Click on 'Close'

(a) Property Insured which is in a defective condition due to a defect in design plan specification materials or workmanship of such Property Insured or any part thereof.

(b) Property Insured lost or damaged to enable the replacement repair or rectification of Property Insured excluded by (a) above Exclusion (a) above shall not apply to other Property Insured which is free of the defective condition but is damaged in consequence thereof. For the purpose of the Policy and not merely this Exclusion the Property Insured shall not be regarded as lost or damaged solely by virtue of the existence of any defect in design plan specification materials or workmanship in the Property Insured or any part thereof.

Applicable Excess: As specified in the policy schedule.

E019: Defective Part Exclusion DE - 4 -

In consideration of the payment of an additional premium by the insured, Notwithstanding anything contained herein to the contrary, it is herein agreed that the Exclusion I.d under section I is replaced with exclusion(s) below: Exclusion I.4.c under section I is replaced with exclusion(s) below: This Policy excludes loss of or damage to any of the cost necessary to replace, repair or rectify

(a) Any component part or individual item of the Property Insured which is defective in design plan specification materials or workmanship.

(b) Property Insured lost or damage to enable the replacement repair or rectification of Property Insured excluded by (a) above Exclusion (a) above shall not apply to other parts or items of Property Insured which are free from defect but are damaged in consequence thereof. For the purpose of the Policy and not merely this Exclusion the Property Insured shall not be regarded as lost or damaged solely by virtue of the existence of any defect in design plan specification materials or workmanship in the Property Insured or any part thereof.

Applicable Excess: As specified in the policy schedule.

E020: Design improvement exclusion DE-5 -

In consideration of the payment of an additional premium by the insured, Notwithstanding anything contained herein to the contrary, it is herein agreed that the Exclusion I.d under section I is replaced with exclusion(s) below: This policy excludes

(a) The cost necessary to replace repair or rectify any Property Insured which is defective in design plan specification materials or workmanship.

(b) Loss or damage to the Property Insured caused to enable replacement repair or rectification of such defective property. But should damage to the Property Insured (other than damage as defined in (b) above) result from such a defect this exclusion shall be limited to the costs of additional work resulting from improvement to the original design plan specification materials or workmanship. For the purpose of the policy and not merely this Exclusion the Property Insured shall not be regarded as lost or damaged solely by virtue of the existence of any defect in design plan specification materials or workmanship in the Property Insured or any part thereof. Applicable Excess: As specified in the policy schedule.

E021: "Outright" Defects Exclusion (LEG - 1) -

Notwithstanding anything contained herein to the contrary, it is herein agreed that the Exclusion I.d under section I is replaced with exclusion(s) below: The Insurer(s) shall not be liable for loss or damage due to defects of material workmanship design plan or specification.

E022: "Consequences" Defects Wording (LEG - 2) -

Notwithstanding anything contained herein to the contrary, it is herein agreed that the Exclusion I.d under section I is replaced with exclusion(s) below: The Insurer(s) shall not be liable for : All costs rendered necessary by defects of material workmanship design plan or specification and should damage occur to any portion of the Insured Property containing any of the said defects the cost of replacement or rectification which is hereby excluded is that cost which would have been incurred if replacement or rectification of the Insured Property had been put in hand immediately prior to the said damage. For the purpose of this policy and not merely this exclusion it is understood and agreed that any portion of the Insured Property shall not be regarded as damaged solely by virtue of the existence of any defect of material workmanship design plan or specification.

E023: "Improvement" Defects Wording (LEG - 3) -

Notwithstanding anything contained herein to the contrary, it is herein agreed that the Exclusion I.d under section I is replaced with exclusion(s) below: All costs rendered necessary by defects of material workmanship design plan or specification and should damage occur to any portion of the Insured Property containing any of the said defects the cost of replacement or rectification which is hereby excluded is that cost incurred to improve the original material workmanship design plan or specification. For the purpose of the policy and not merely this exclusion it is understood and agreed that any portion of the Insured Property shall not be regarded as damaged solely by virtue of the existence of any defect of material workmanship design plan or specification.

Attaching to and forming part of Policy Number 32141675

'Show Signature Properties'-->Click on 'Show signer's Certificate'-->Go to Tab 'Trust'-->Click on 'Add to Trusted Certificates'-->Click on 'OK'-->Click on 'Close'

E024: Cover for valuable documents -

In consideration of the payment of an additional premium by the insured, Subject otherwise to the terms, exclusion, provisions and conditions contained in the policy, the Indemnity granted by Section 1 of this policy shall, in addition extend to indemnify the insured in respect of costs necessarily and reasonably incurred in rewriting or redrawing plans or specifications of the contract works insured hereunder, when such plans or specifications are lost or damaged by any cause not excluded by this section and the Insured needs to have them redrawn or rewritten in order to complete the project or to enable payment to be made for works already carried out. The liability of the Insurers shall not exceed in the aggregate during the policy period the sum insured set forth in the Schedule.

Applicable Excess: As specified in the policy schedule.

E025: Civil Engineering Works -

It is hereby declared and agreed, subject to the exceptions contained herein, or endorsed hereon, that this Policy is extended to cover the risks of loss or damage to property brought on to the Site of Erection for the performance of the erection contract, details of which are stated as under --

a) All permanent Civil Engineering Works such as buildings, foundations earthwork including materials for the constructions thereon,

b) All temporary works such as buildings, sheds PROVIDED that the following exclusions shall apply -

i) loss or damage directly caused by defective workmanship material, or design or wear and tear

ii) loss or damage directly caused by mechanical breakdown or derangement

iii) loss or damage directly caused by deterioration due to lack of use or obsolescence

iv) any loss of property either by disappearance or by shortage if such disappearance or shortage alone is revealed during and after an inventory is made,

v) Cessation of work whether total or partial,

vi) loss, destruction or damage of accounts, bills, currency stamps, deeds, evidence of debt, money, notes or securities.

The exclusions of loss or damage caused by (i), (ii) and (iii) above shall be limited to the machine structure or work immediately affected and shall not extend to other work or the property lost or damaged in consequence of the defect, wear & tear, breakdown, derangement or deterioration, subject to the Condition that:- The Insured shall take all reasonable precautions in the selection of labour and to maintain in efficient condition all tools and equipments used in connection with performance of this erection contract.

Provided that all the conditions of this Policy shall apply in all respects to the Insurance granted by this extension save in so far as the same are expressly varied hereby and any reference to loss or damage in the conditions of the Policy shall be deemed to include the perils hereby insured against.

E026: Fire/Explosion claims and Fire Fighting -

A) Fire / Explosion claim Requirements: Notwithstanding the conditions, provisions and other endorsements of the Policy, it is agreed and understood that the

company shall indemnify the Insured in respect of any loss or damage caused by Fire/Explosion only if the following requirements are fulfilled:

- i) One portable fire extinguisher of Soda Acid or water type for every 300 sq. m of storage/erection site area or small bore hose reels as per Section 4 of F.P. Manual shall be provided. The location of fire extinguishers shall be conspicuously marked by clearly visible signs. Checking and maintenances at regular intervals shall be recorded.
- ii) Trained fire fighting squad shall be maintained for the site.
- iii) Watch and Ward facility shall be provided round the clock at the site.
- iv) One fire engine of 400 GPM x 100 PSI shall always be stationed at site.
- v) Materials and equipments stored in buildings (sheds) or in open area shall be divided into sub-units with the value, which shall not exceed 10 % of the sum insured or Rs. 50 Crores whichever is less. Wherever value of single equipment stored exceeds this limit, its value, shall be taken as the limit. The sub-units in open area shall be separated from each other by a distance of atleast 15 meters. In case of storage buildings, firewalls of 9" thickness carried upto roof shall be erected without any wall openings between the sub-units.
- vi) Packing materials, scaffolding etc. combustible materials and liquids and explosive substances should be stored at a 30 M safe distance from other buildings, plants and stores.
- vii) Utmost attention should be paid to good house keeping such as - . Orderly storage; . Periodic removal of combustible packing material, either by burning on site at a safe distance of 100 M away or removal from the site; . Clean - up of site atleast once a week.
- viii) Open flame work (welding, cutting etc.) requires utmost caution. All combustible materials lying about must be removed or covered.
- ix) Grass and/or any other vegetation in and around the site are regularly removed.
- x) 'No smoking' rules must be enforced in areas exposed to fire (stores etc.) and in the vicinity of hazardous operations.
- xi) Living quarters should be well separated (100 M away) from construction site.

Applicable Excess: Following excess shall be applicable for fire and explosion claim subject to requirements mentioned above-

It is further agreed and understood that the company shall not be liable for 10 % of the claim amount subject to a minimum of Testing period excess for each and every claim on account of Fire/Explosion.

B) Additional Requirements:

II) Applicable for all risks including hydrocarbon-processing risks -

- i) One fire engine or two trailer pumps of 400 GPM x 100 PSI shall be provided for every 10,000 sq. m of largest storage site with maximum of two fire engines or 4 trailer pumps. In case of Trailer pumps vehicular arrangements shall be available for towing them.
- ii) Static water tanks of atleast 10,000 gallons capacity shall be provided, which shall be so placed that no part of storage/erection site lies beyond 100 M of atleast 2 tanks (50 M in case of storeyed structures). OR Alternatively a temporary hydrant system with atleast 4" dia hydrant shall be laid which shall always be

pressurised to 1.0 KSC from where Fire Engines/Trailer pumps can draw their supply from a double hydrant (DH). Each DH may be taken as equivalent to a static water tank described above. Pumping capacity of the general water supply shall not be less than the aggregate pumping capacity of trailer pumps and/or fire engine. Storage of general water supply shall be in excess of 1,00,000 litres.

iii) 36 hoses, 15 M long and 18 nozzles shall be provided to ensure that all parts of the contract works can be reached with water.

iv) Trained fighting squad consisting of atleast 8 persons per shift shall be maintained at the site.

Applicable Excess: Following excess shall be applicable for fire and explosion claim subject to requirements mentioned in both (A) and (B) above-

It is further agreed and understood that the company shall not be liable for 5 % of the claim amount subject to a minimum of Testing Period excess for each and every claim on account of Fire/Explosion.

E027: Test Run Definition in respect of Thermal Power Station -

Notwithstanding anything stated herein to the contrary it is hereby declared and agreed that entire Power Station machinery insured hereunder are deemed to have commenced their first test operation or test loading from the date of synchronization of the Turbo Generator set with the grid system/bus bar provided the date of synchronization is within 72 hours from the date of introduction of steam into turbine and shall continue till the Turbo Generator Set is operated at full load for a continuous period of 72 hours or until expiry of testing period granted under the policy whichever is earlier. If, however, the date of synchronization exceeds 72 hours from the date of introduction of steam of the first trial operation, test loading is deemed to have commenced from the date of introduction of steam into the turbine of the Turbo Generator set.

If the trial operation/test loading is not completed within the time specified hereunder the Company may extend the period of testing on receipt of additional premium at agreed rates but in no case the total test period available under the policy shall exceed 6 months'.

E028: Test Run Definition for Gas Turbines in respect of Combined cycle power plant -

Notwithstanding anything stated herein to the contrary, it is hereby declared and agreed that the Gas turbine insured hereunder is deemed to have commenced its first operation or test loading when the fuel is introduced in the combustion chamber of the Gas turbine unit.

E029: Cold Testing, Hot Testing and Commissioning -

For the purpose of this Policy, Cold Testing, Hot Testing and Commissioning shall mean:

(a) Cold Testing: The inspection of component parts of insured plant or equipment by mechanical, electrical, hydrostatic or other forms of testing under dry run conditions to ensure that the items work, but without the firing of furnaces or the application of direct or indirect heat, the use of feedstock or other materials for processing or, in the case of electric motors, power generation, transformation, conversion, or rectification plant or equipment, connection to a grid or other load circuit.

(b) Hot Testing: The inspections of insured plant or machinery or a component part thereof under load or operational conditions, including the use of feedstock or other materials for processing or other media to simulate working conditions and in the case of electric motors, electrical generating, transforming, converting or rectifying plant or machinery, connection to a grid or other load circuit.

(c) Commissioning: The operation of insured plant or machinery with feedstock or other materials for processing, or in the case of electric motors, power generating, transforming, converting or rectifying plant or machinery, connection to a grid or other load circuit under production conditions to attempt to attain specification requirements and/or training operational personnel.

E030: Hydrocarbon endorsement for Testing and Commissioning -

Article 1 - It is warranted that the insured shall give previous notice in writing to the Company of the date of the initial start - up operation for testing of plant.

Commencing date of the initial start-up operation referred to in the preceding paragraph shall mean the date of the first introduction of feed stock or initially filled mixture of oil or Hydrocarbon for cleaning or purging or Naphtha Fuel for burning into the plant, whichever date is earlier. However the operation carried out for cleaning and purging in each individual unit will be considered a part of erection work provided such cleaning and purging work does not exceed a period of two weeks in each unit. It is however understood and agreed that during any operation whatever cleaning, purging, testing or commissioning, where hydrocarbons or Hydrogen are involved the deductible excess shall be as per Testing Period excess as mentioned in schedule.

Article 2 -

As from the introduction of hydrocarbon/feedstock into the plant, the company shall not be liable for the loss or damage to -

a) Catalysts unless specifically covered by separate endorsement;

b) Reforming units due to overheating or cracking of any tubes.

Note- Any consequential damage to the neighbouring items of plant or machinery indirectly due to cracking or overheating of tubes in reforming units is however indemnifiable under the policy.

c) The insured plant due to overheating or cracking following an exothermic reaction.

d) The insured plant due to non-observation of prescribed techniques or cutting out of safety devices and/or any liability resulting therefrom.

The Insurers shall only indemnify the Insured for loss or damage resulting directly or indirectly from fire and/or explosion if adequate fire fighting facilities for the insured plant are installed and rendered serviceable immediately after the completion of the rough structure of the building and before any machinery is stored and/or installed therein.

All machinery and equipments shall be stored in such a manner that the value of items stored per storing unit shall not exceed Rs (As mentioned in the schedule) and that such individual storing unit shall be at least 50 feet apart separated by fireproof walls.

Should the value per storage unit exceed Rs (As mentioned in the schedule) then in the event of a claim, the liability of the Company shall be in the same proportion as Rs (As mentioned in the schedule) bears to the total value of items stored in the concerned individual storage unit as defined above.

Following article is to be included after excluding 2(a) above, in case the Insured desires cover for catalyst during testing period -

Article 3 -

Catalyst valued at Rs. (As mentioned in the schedule) are specifically covered during Hot Testing Period for any loss or damage caused by an indemnifiable loss or damage to the insured plant and/or equipment.

Applicable Excess: As specified in the policy schedule.

E031: Endorsement Concerning Storage -

â€ It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the policy or endorsed thereon, the Insurers shall only indemnify the Insured for loss of or damage to the Insured items during storage upto a value per storage unit not exceeding the equivalent of Rs. (As mentioned in the schedule).

The individual storage units shall be either at least 50 m apart or separated by fireproof walls.

E032: Safety Measures -

It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the policy or endorsed thereon, the Insurers shall only indemnify the Insured for loss, damage or liability directly or indirectly caused by flood and inundation if adequate safety measures have been taken during planning and execution of the project.

Adequate safety measures in this context shall mean that the average monthly rainfall, flood and inundation hazard as known from statistics of the competent meteorological offices for the respective month and location has been taken into account.

E033: Endorsement regarding damage to crops, forests etc -

It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the policy or endorsed thereon, the Insurers shall not indemnify the Insured for loss, damage or liability directly or indirectly caused to crops, forests and/or any cultures during the execution of the contract works.

E034: Endorsement Concerning underground cables and pipes -

It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the policy or endorsed thereon, the insurers shall only indemnify the Insured in respect of loss of or damage to existing underground cables and/or pipes or other underground facilities if, prior to the commencement of works, the Insured has enquired with the relevant authorities about the exact position of such cables, pipes or other underground facilities.

The indemnity shall in any case be restricted to the repair costs of such cables, pipes or other underground facilities, any consequential damage being excluded from the cover.

E035: Special conditions for open trenches during laying of pipelines ducts and cables -

It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the policy or endorsed thereon, the Insurers will indemnify the Insured for any loss or damage due to storm, rainfall, flood, inundation such as sanding, silting up, mudding up, erosion, collapse and floating up of pipes, ducts or cables, sustained by completely or partly excavated open trenches and/or items laid therein, upto a maximum length of (As specified in schedule) km open trench only one loss event. The Insured shall make sure that plugging facilities are available near the pipe ends for emergency purposes and that pipe ends exposed to flooding are plugged before any interruption during idle work periods such as nights and holidays.

E036: Special conditions for open trenches during laying of pipelines ducts and cables -

â€ In consideration of the payment of an additional premium (or Nil premium as applicable) by the insured, It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the policy or endorsed thereon, the Insurers shall indemnify the Insured also for the following items under this policy up to the indemnity limit as mentioned in the schedule-

- a) Leak search costs following hydrostatic test (including the cost of leasing special apparatus, cost of operation and transport of such apparatus).
- b) Earthwork on a trench not damaged itself, search earthwork becoming necessary in the search for and repair of leaks, e.g. excavation, uncovering of the pipeline, backfilling. Provided that - the leak has been caused by an indemnifiable event or is attributable to faulty execution on the site, and 100 % of

the welding seams have been X-rayed and any deficiencies discovered thereby have been removed properly. Indemnity shall be limited in the aggregate (As Specified in Policy Schedule) per testing section (As Specified in Policy Schedule) during one policy period (As Specified in Schedule) Costs caused by faulty repair of welding seams shall be excluded from the cover.

Applicable Excess: As specified in the policy schedule.

E037: Special conditions concerning the construction and/or erection time schedule -

It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the Policy or endorsed thereon, the following shall apply to this insurance: The construction and/or erection time schedule together with any other statements made in writing by the Insured for the purpose of obtaining cover under the Policy as well as technical information forwarded to the Insurers shall be deemed to be incorporated herein. The Insurers shall not indemnify the Insured in respect of loss or damage caused by or arising out of or aggravated by deviations from the construction and/or erection time schedule exceeding the number of weeks stated below unless the Insurers had agreed in writing to such a deviation before the loss occurred.

Deviation from time schedule: (As Specified in Schedule) weeks

E038: Cover of Contractor' Construction/Erection Machinery -

In consideration of the payment of an additional premium by the insured, It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the Policy or endorsed thereon, the cover under Section I of the Policy shall be extended up to the limit specified in the schedule to include loss of or damage to the construction/erection machinery mentioned in the attached list of machines, excluding however - loss or damage due to electrical or mechanical breakdown, failure, breakage or derangement, freezing of coolant or other fluid, defective lubrication or lack of oil or coolant, but if as a consequence of such breakdown or derangement an accident occurs causing external damage, such consequential damage shall be indemnifiable, - loss of or damage to vehicles licensed for general road use or waterborne vessels or aircraft unless these vehicles are exclusively used on construction site. - loss of or damage to replaceable parts and attachments such as bits, drills, knives or other cutting edges, saw blades, dies, moulds, patterns, pulverizing and crushing surfaces, screens and sieves, ropes, belts, chains, elevator and conveyor bands, batteries, tyres, connecting wires and cables, flexible pipes, joining and packing material regularly replaced. - loss or damage whilst in transit from one location to another location. - loss or damage due to total or partial immersion in tidal waters. - loss or damage as a direct consequence of the continual influence of operation (e.g. wear and tear, corrosion, rust, deterioration due to lack of use and normal atmospheric conditions). - loss or damage occurring whilst any insured item is undergoing a test of any kind or is being used in any manner or for any purpose other than for which it was designed. - loss or damage due to any faults or defects existing at the time of commencement of this policy within the knowledge of insured or his representatives whether such faults or defects were known to the company or not. - loss or damage directly or indirectly caused by, or arising out of, or aggravated by willful act or willful negligence of the insured or his representatives - loss or damage for which supplier or manufacturer is responsible either by law or under contract. - loss or damage due to explosion of any boiler or pressure vessel subject to internal steam or fluid pressure or of any internal combustion engine - loss or damage discovered only at the time of taking an inventory or routine servicing.

The sums insured on construction/erection machines shall be their replacement values, which shall mean the cost of replacement of each insured item by a new item of the same kind and the same capacity.

Applicable Excess: As specified in the policy schedule.

E039: Exclusion Concerning Used Machinery -

It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the Policy or endorsed thereon, the Insurers shall not indemnify the Insured for loss of or damage to the insured used items

- attributable to previous operation, - attributable to dismantling (if dismantling is not covered), - in respect of any non-metallic parts.

E040: Warranty Concerning Camps and Stores -

It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the Policy or endorsed thereon, the Insurers shall only indemnify the Insured for loss, damage or liability indirectly or directly caused to camps and stores by fire, flood or inundation if these camps and stores are located above the highest water level recorded anywhere on the site during the last 20 years and the individual storage units are either at least 50 m apart or separated by fire walls. It is also agreed that the Insurers shall indemnify the Insured for any one occurrence only up to a limit of indemnity of for camps, for each individual storage unit.

E041: Exclusion of loss or damage due to subsidence -

It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the Policy or endorsed thereon, the Insurers shall not be liable to indemnify the Insured in respect of loss or damage due to subsidence if caused by insufficient compacting or improvement of subsoil or due to incorrect or insufficient piling.

E042: Conditions for Horizontal Directional Drilling of Pipeline Routes below Rivers, Railway Embankments, Streets, etc. -

It is agreed and understood that otherwise subject to the terms, exclusions, conditions and provisions contained in the Policy or endorsed thereon, the Insurers will indemnify the Insured up to the sum insured or limit of indemnity specified in the schedule for damage arising during horizontal directional drilling operations below rivers, railway embankments, motorways, etc., only if a soil analysis (soil samples, test borings, sieve analyses, etc.) required for proper drilling operations in accordance with latest technical standards has been carried out prior to the commencement of work and if the contractor is familiar with the drilling technique. It is further agreed and understood that the Insurers shall not indemnify the Insured for losses or damage caused by or resulting from - missing the target point of the drilling, deviations from the scheduled direction; - loss of or change in the drilling mud (eg bentonite); - damage to the outer insulation of pipeline in the area of horizontal directional drilling. Sum insured1 (drilling costs + material value of pipeline to be drawn in + value of drilling equipment):

Applicable Excess: As specified in the policy schedule

E043: Exclusion of Losses, Damage or Liabilities Arising from Horizontal Directional Drilling -

It is agreed and understood that otherwise subject to the terms, exclusions, conditions and provisions in the Policy or endorsed thereon, the Insurers will not indemnify the Insured for losses, damage or liabilities which have been caused: - or result directly or indirectly from horizontal directional drilling; - regarding the pipelines themselves in the area of routes created by horizontal directional drilling.

E044: Storage Tanks -

Notwithstanding anything contained herein to the contrary, it is herein agreed that the following Exclusion is added to Exclusions to Section 1: Insurers will not indemnify the Insured in respect of any Loss to storage tanks arising directly or indirectly from wind where the Insured has not taken adequate temporary safety measures during the erection phase, such as wind girders, stay cables or the required water fill-up, to ensure that the tanks withstand final design wind speed.

E045: Groundwater Pumping Operations -

Notwithstanding anything contained herein to the contrary, it is hereby agreed that the following Exclusion is added to Exclusions to Section 1: Insurers will not indemnify the Insured in respect of:

- (a) any Loss to the Insured Property arising directly or indirectly from breakdown of any groundwater pumping system unless standby pumping facilities, equivalent to at least the capacity of the largest operating pump, are installed and ready for immediate use prior to the commencement of the pumping operations; and
- (b) any costs or expenses incurred in respect of groundwater pumping operations.

E046: Normal Action of the Sea -

Notwithstanding anything contained herein to the contrary, it is hereby agreed that the following Exclusion is added to Exclusions to Section 1: Insurers will not indemnify the Insured in respect of any Loss to Insured Property arising from any sea condition (including but not limited to waves, tide, current, storm surge) that would have a statistical return period of less than 25 years. The burden will be on the Insured to demonstrate that this exclusion shall not apply.

E047: Primary Insurance -

It is expressly agreed that this Insurance provides primary cover to the Insured and that in the case of loss or damage covered under any other policy of insurance taken by the insured, the insurers will indemnify them as if such other policy of insurance did not exist.

E048: Non-vitiation -

As the various parties comprising the insured operate as separate and distinct entities the right of each of the parties in all respect shall (notwithstanding anything contained or implied herein to the contrary) be treated as though each of the parties had separate policies for their respective rights and interests and the rights and indemnities of any of the parties who are not guilty of any fraud, misrepresentation, non-disclosure or breach of condition or warranty shall not be prejudiced or affected by any fraud, by any of the other parties comprising the Insured.

E049: Serial losses -

It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the Policy or endorsed thereon, the following clause shall apply to this insurance: Loss or damage due to faulty design (if covered by endorsement), defective material and/or workmanship arising out of the same cause to structures, parts of structures, machines or equipment of the same type shall be indemnified according to the following scale after applying the policy deductible for each loss: 100% of the first 2 losses 80% of the 3rd loss 60% of the 4th loss 50% of the 5th loss Further losses shall not be indemnified.

E050: Multiple Insured Clause -

It is expressly agreed that if in any section the insured comprises more than one party each operating as a separate and distinct entity, this policy of insurance shall, unless otherwise provided for in this policy of insurance, apply as if a separate policy had been issued to each of these parties provided always that the insurer's overall liability towards the parties that constitute the insured in any section shall not exceed the sum insured and any limits of indemnity specified in the schedule to that section.

Any payment made by the insurer to any insured party as a result of an occurrence of loss or damage shall reduce, by the amount of that payment, the insurer's liability towards all the insured parties that constitute the insured arising from that occurrence under this policy of insurance.

E051: Third Party Liability -

In consideration of the payment of the additional premium, it is hereby agreed and declared that notwithstanding anything to the contrary stated in this policy, the Company will indemnify the insured:

- a) Against legal liability for the accidental loss or damage caused to the property of other persons.
- b) against legal liability (liability under contract excepted) for fatal or non-fatal injury to any persons other than the insured or his own employees or employee of the owner of the works/site/premises/ location or employees of the other firms/connected with any other work site/ premises/ location or members of the family of the insured or any of the aforesaid.

Exclusions under the TPL Extension -

The Company will not indemnify the insured, under this extension in respect of -

- a) The first amount of policy excess of each claim for any one occurrence related to property damage.
- b) Expenditure incurred in doing or redoing or making good or repairing or replacing anything covered or coverable under the policy.
- c) Liability consequent upon -
 - i. Bodily injury to or illness of employees/workmen/members of the families of the insured or of the owners of the works/site/premises/ location or of any other firm/contractors connected with any other work at the works/site/premises/location.
 - ii. loss of or damage or property belonging to or held in trust by or under custody of the owner of the works/site/premises/location of any other firms/contractors or an employee/workmen/family members of any of the aforesaid.
 - iii. Any accident cost by vehicles licensed for general road or by waterborne vessels or used aircraft.
 - iv. Any agreement by the insured to pay any sum by way of indemnity or otherwise unless such liability would have attached also in the absence of such agreement.

Conditions Applying To TPL Extension -

- a) No admission, offer, promise, payment of indemnity shall be made or given by or on behalf of the insured without written consent of the company who shall be entitled, if any so desire, to take over and conduct in the name of the insured the defence or settlement of any claim or to prosecute for their own benefit in the name of the insured any claim for indemnity or damage or otherwise and shall have full discretion in the conduct of any proceeding or in the settlement of any claim and the insured shall give all such information and assistance as the Company may require.
- b) The Company may, so far as any accident is concerned, pay to the insured the limit of indemnity for any one accident/for any one period, after deducting therefrom in such case of any sum/s already paid as compensation in respect thereof or any lesser sum for which the claim or claims arising such accident can be settled and the Company shall thereafter be under no further liability in respect of such accident under this section.

E052: Earthquake Extension Clause -

It is hereby Agreed and declared that this insurance is included to cover loss or damage to any property insured by this policy occasioned by Earthquake Fire and/ or shock including tsunami.

Applicable Excess: As applicable to Act of God Perils.

E053: Terrorism Cover Endorsement -

INSURING CLAUSE

Subject otherwise to the terms, exclusions, provisions and conditions contained in the Policy and in consideration of the payment by the Insured to the Company of additional premium as stated in the Schedule, it is hereby agreed and declared that notwithstanding anything stated in the 'Terrorism Risk Exclusion' of this Policy to the contrary, this Policy is extended to cover physical loss or physical damage occurring during the period of this Policy caused by an act of terrorism, subject to the exclusions, limits and excess described hereinafter.

For the purpose of this cover, an act of terrorism means an act or series of acts, including but not limited to the use of force or violence and/or the threat thereof, of any person or group(s) of persons, whether acting alone or on behalf of or in connection with any organisation(s) or government(s), or unlawful associations, recognized under Unlawful Activities (Prevention) Amendment Act, 2008 or any other related and applicable national or state legislation formulated to combat

unlawful and terrorist activities in the nation for the time being in force, committed for political, religious, ideological or similar purposes including the intention to influence any government and/or to put the public or any section of the public in fear for such purposes.

This cover also includes loss, damage, cost or expense directly caused by, resulting from or in connection with any action taken in suppressing, controlling, preventing or minimizing the consequences of an act of terrorism by the duly empowered government or Military Authority.

Provided that If the Insured is eligible for indemnity under any government compensation plan or other similar scheme in respect of the damage described above, this Policy shall be excess of any recovery due from such plan or scheme.

For the purpose of the aforesaid inclusion clause, "Military Authority" shall mean armed forces, para military forces, police or any other authority constituted by the government for maintaining law and order.

LOSSES EXCLUDED

This cover shall not indemnify loss of or damage to property caused by any or all of the following:-

1. loss by seizure or legal or illegal occupation.
2. loss or damage caused by:
 - (i) voluntary abandonment or vacation,
 - (ii) confiscation, commandeering, nationalisation, requisition, detention, embargo, quarantine, or any result of any order of public or government authority, which deprives the Insured of the use or value of its property;
3. loss or damage arising from acts of contraband or illegal transportation or illegal trade;
4. loss or damage directly or indirectly arising from or in consequence of the seepage and or discharge of pollutants or contaminants, which pollutants and contaminants shall include but not be limited to any solid, liquid, gaseous or thermal irritant, contaminant or toxic or hazardous substance or any substance the presence, existence or release of which endangers or threatens to endanger the health, safety or welfare of persons or the environment;
5. loss or damage arising directly or indirectly from or in consequence of chemical or biological emission, release, discharge, dispersal or escape or chemical or biological exposure of any kind;
6. loss or damage arising directly or indirectly from or in consequence of asbestos emission, release, discharge, dispersal or escape or asbestos exposure of any kind;
7. any fine, levy, duty, interest or penalty or cost or compensation/damages and/or other assessment which is incurred by the Insured or which is imposed by any court, government agency, public or civil authority or any other person;
8. loss or damage by electronic means including but not limited to computer hacking or the introduction of any form of computer virus or corrupting or unauthorised instructions or code or the use of any electromagnetic weapon. This exclusion shall not operate to exclude losses (which would otherwise be covered under this Policy) arising from the use of any computer, computer system or computer software programme or any other electronic system in the launch and/or guidance system and/or firing mechanism of any weapon or missile;
9. loss or damage caused by vandals or other persons acting maliciously or by way of protest or strikes, labour unrest, riots or civil commotion;
10. loss or increased cost occasioned by any public or government or local or civil authority's enforcement of any ordinance or law regulating the reconstruction, repair or demolition of any property insured hereunder;
11. any consequential loss or damage, loss of use, delay or loss of markets, loss of income, depreciation, reduction in functionality, or increased cost of working;
12. loss or damage caused by factors including but not limited to cessation, fluctuation or variation in, or insufficiency of, water, gas or electricity supplies and telecommunications or any type of service;
13. loss or increased cost as a result of threat or hoax;
14. loss or damage caused by or arising out of burglary, house - breaking, looting, theft, larceny or any such attempt or any omission of any kind of any person (whether or not such act is committed in the course of a disturbance of public peace) in any action taken in respect of an act of terrorism;
15. loss or damage caused by mysterious disappearance or unexplained loss;
16. loss or damage directly or indirectly caused by mould, mildew, fungus, spores or other micro-organism of any type, nature or description, including but not limited to any substance whose presence poses an actual or potential threat to human health;
17. total or partial cessation of work or the retardation or interruption or cessation of any process or operations or omissions of any kind.

LIMIT OF INDEMNITY

The limit of indemnity under this cover shall not exceed the Total Sum Insured given in the Policy Schedule or INR 20,000,000,000 whichever is lower. In respect of several insurance policies within the same compound/location with one or different insurers, the maximum aggregate loss payable per compound/location by any

one or all insurers shall be INR 20,000,000,000. If the actual aggregate loss suffered at one compound/location is more than INR 20,000,000,000, the amounts payable under individual policies shall be reduced in proportion to the sum insured of the policies.

EXCESS*

- i. 5% of the sum insured for each and every claim subject to a minimum of INR 100,000 and a maximum of INR 25,00,000(for industrial risks)
- ii. 1% of the sum insured for each and every claim subject to a minimum of INR 25,000 and maximum of INR 1,000,000/- (for non-industrial risks)
- iii. 1% of the sum insured for each and every claim subject to a minimum of INR 10,000 and maximum of INR 500,000 (for shops and residences)

*whichever is applicable

ADD ON COVERS

It is further declared and agreed that the limit of indemnity including the claim on add on cover(s) shall not exceed total sum insured plus separate opted for add on cover(s) or INR 20,000,000,000 whichever is lower. In respect of several insurance policies with in the same compound/location, the maximum aggregate loss payable per compound/location by one or all insurers shall be INR 20,000,000,000.

MID TERM COVER

In case the coverage under this endorsement is granted during the currency of the policy, no claims will be payable for loss or damage to property caused by an act of terrorism during the 15(fifteen) days from the date of granting such cover.

CANCELLATION CLAUSE

Notwithstanding the cancellation provisions relating to the basic insurance policy on which this endorsement is issued, there shall be no refund of premium allowed for cancellation of the Terrorism risk insurance during the period of insurance except where such cancellation is done along with the cancellation of the basic insurance. Where a policy is cancelled and rewritten mid-term purely for the purpose of coinciding with the accounting year of the insured, pro-rate refund of the cancelled policy premium will be allowed.

If the cancellation is for any other purpose, refund of premium will only be allowed after charging short term scale rates.

Note: The definitions, terms and conditions of main Policy save as modified or endorsed herein shall apply.

E061: Sanction Limitation and Exclusion Clause

No insurer shall be deemed to provide cover and no insurer shall be liable to pay any claim or provide any benefit hereunder to the extent that the provisions of such cover, payment of such claim or provision of such claim or provision of such benefit would expose that insurer to any sanction, prohibition or restriction under United Nations resolutions or the trade or economic sanctions, laws or regulations of the European Union, United Kingdom or United States of America.

E054: Removal of Debris -

In consideration of the payment of an additional premium (or Nil premium as applicable), by the Insured, this policy is extended to cover costs and expenses necessarily incurred by the Insured, with the consent of the Insurers in demolishing or removing debris of portions of the property insured by Section I destroyed or damaged by any peril hereby insured against upto an indemnity limit (As Specified in the Schedule) as mentioned in the schedule.

Applicable Excess: The Excess applicable on the Clearance and Removal of debris will be highest of the Excesses applicable to machineries insured

E055: Offsite Storage -

It is agreed and understood that, notwithstanding the terms, exclusions, provisions and conditions of the Policy or any Endorsements agreed upon and subject to the Insured having paid the agreed extra premium, Section I of the Policy shall be extended to cover loss of or damage to property insured (except property being manufactured, processed or stored at the manufacturer's, distributor's or supplier's premises) in offsite storage within the territorial limits as stated below.

The Insurers will not indemnify the Insured for loss or damage caused by the neglect of generally accepted loss prevention measures for warehouses or storage units. Such measures include, in particular:

- ensuring that the storage area is enclosed (either a building or at least fenced-in), guarded, protected against fire, as appropriate for the particular location or type of property stored;
- separating the storage units by fire-proof walls or by a distance of at least 50 meters;
- positioning and designing the storage units in such a way as to prevent damage by accumulating water or flooding due to rainfall or by a flood with a statistical return period of less than 20 years; Following details are as per schedule.
- limiting the value per storage unit.

Territorial limits of:

Maximum value per storage unit:

Limit of indemnity (any one occurrence):

Deductible

E056: Agreed Bank Clause -

It is hereby declared and agreed:-

i. That upon any monies becoming payable under this policy the same shall be paid by the Company to the Bank and such part of any monies so paid as may relate to the interests of other parties insured hereunder shall be received by the Bank as Agents for such other parties.

ii. That the receipts of the Bank shall be complete discharge of the Company therefore and shall be binding on all the parties insured hereunder.

N.B.: The Bank shall mean the first named financial institution/Bank named in the policy.

iii. That if and whenever any notice shall be required to be given or other communication shall be required to be made by the Company to the insured or any of them in any manner arising under or in connection with this policy such notice or other communication shall be deemed to have been sufficiently given or made if given or made to the Bank.

iv. That any adjustment, settlement, compromise or reference to arbitration in connection with any dispute between the Company and the insured or any of them arising under or in connection with this policy if made by the Bank shall be valid and binding on all parties insured hereunder but not so as to impair rights of the Bank to recover the full amount of any claim it may have on other parties insured hereunder.

v. That this insurance so far only as it relates to the interest of the Bank therein shall not cease to attach to any of the insured property by reason of operation of condition 3 of the Policy except where a breach of the condition has been committed by the Bank or its duly authorised agents or servants and any other party insured hereunder whereby the risk is increased or by anything being done to upon or any building hereby insured or any building in which the goods insured under the policy are stored without the knowledge of the Bank provided always that the Bank shall notify the Company of any change of ownership or alterations or increase of hazard not permitted by this insurance as soon as the same shall come to its knowledge and shall on demand pay to the Company necessary additional premium from the time when such increase of risks first took place and

vilt is further agreed that whenever the Company shall pay the Bank any sum in respect of loss or damage under this policy and shall claim that as to the Mortgagor or owner no liability therefore existed, the Company shall become legally subrogated to all the rights of the Bank to the extent of such payments but not so as to impair the right of the Bank to recover the full amount of any claim it may have on such Mortgagor or Owner or any other party or parties insured hereunder or from any securities or funds available.

E057. Contract Works Time Schedule -

Notwithstanding the conditions, provisions and other endorsements of the Policy it is understood and agreed that -

a) The contract works time schedule together with plans, documents and specifications supplied and any other statements made by the Insured with respect of works programme is deemed to be incorporated herein.

b) The Insurers shall not indemnify the Insured in respect of loss or damage caused by, or arising out of, or aggravated by deviations from the contract works time schedule exceeding four weeks, unless the Insurers had agreed in writing to such a deviation before a loss occurred. This memo applies only to the dam works during period of river diversion.

E060. Cyber risk exclusion clause

1. Electronic Data Exclusion

Notwithstanding any provision to the contrary within the Policy or any endorsement thereto, it is understood and agreed as follows:-

a) This Policy does not insure, loss, damage, destruction, distortion, erasure, corruption or alteration of ELECTRONIC DATA from any cause whatsoever (including but not limited to COMPUTER VIRUS) or loss of use, reduction in functionality, cost, expense of whatsoever nature resulting therefrom, regardless of any other cause or event contributing concurrently or in any other sequence to the loss.

ELECTRONIC DATA means facts, concepts and information converted to a form useable for communications, interpretation or processing by electronic and electromechanical data processing or electronically controlled equipment and includes programmes, software, and other coded instructions for the processing and manipulation of data or the direction and manipulation of such equipment.

COMPUTER VIRUS means a set of corrupting, harmful or otherwise unauthorised instructions or code including a set of maliciously introduced unauthorised instructions or code, programmatic or otherwise, that propagate themselves through a computer system or network of whatsoever nature. COMPUTER VIRUS includes but is not limited to 'Trojan Horses', 'worms' and 'time or logic bombs'.

b) However, in the event that a peril listed below results from any of the matters described in paragraph a) above, this Policy, subject to all its terms, conditions and exclusions will cover physical damage occurring during the Policy period to property insured by this Policy directly caused by such listed peril.

Listed Perils - Fire, Explosion 2. Electronic Data Processing Media Valuation

Attaching to and forming part of Policy Number 32141675

'Show Signature Properties'-->Click on 'Show signer's Certificate'-->Go to Tab 'Trust'-->Click on 'Add to Trusted Certificates'-->Click on 'OK'-->Click on 'Close'

Notwithstanding any provision to the contrary within the Policy or any endorsement thereto, it is understood and agreed as follows:-

Should electronic data processing media insured by this Policy suffer physical loss or damage insured by this Policy, then the basis of valuation shall be the cost of the blank media plus the costs of copying the ELECTRONIC DATA from back-up or from originals of a previous generation. These costs will not include research and engineering nor any costs of recreating, gathering or assembling such ELECTRONIC DATA. If the media is not repaired, replaced or restored the basis of valuation shall be the cost of the blank media. However this Policy does not insure any amount pertaining to the value of such ELECTRONIC DATA to the Assured or any other party, even if such ELECTRONIC DATA cannot be recreated, gathered or assembled.