



WBSEDCL

West Bengal State Electricity Distribution Company Ltd.

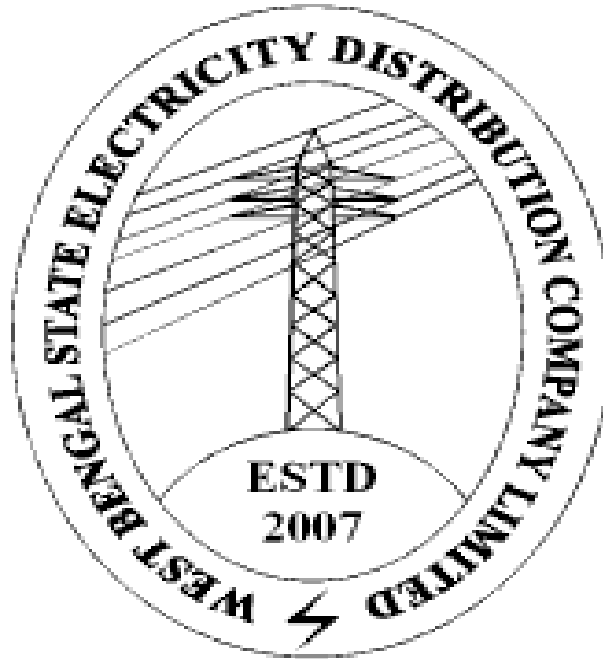
(A Government of West Bengal Enterprise)

Project Office: Jaldhaka Hydel Project

Village: Paren, P.O. & P.S. – Jaldhaka Hydel Project, Kalimpong -734503

E-Mail: pm.jhp@wbasedcl.in

TENDER DOCUMENT



WBSEDCL

Name of Work: eNIT for “Round-the-Clock Maintenance for routine, breakdown and preventive Maintenance of (4 X 9.0 + 2X4) MW TG Sets with all auxiliaries, 66 kV Switchyard and Bindu Barrage under Jaldhaka Hydel Project, WBSEDCL, P.O. Jaldhaka Hydel Project, Dist.- Kalimpong (WB) PIN-734503”

NIT No.: WBSEDCL/ PM/JHP/E&M/2026-27/12

Date: 14/07/2026

(Tender ID: 2026_WBSED_ 1032511_1)

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NOTICE INVITING e-TENDER

NIT No.: WBSEDCL/ PM/JHP/E&M/2026-27/12 Date: 14/07/2026

(Tender ID: 2026_WBSED_1032511_1)

The Addl. Chief Engineer & Project Manager, Jaldhaka Hydel Project, WBSEDCL invites e-tender (Submission of Bid online) on percentage rate basis for the works detailed below from bonafide, resourceful and experienced contractors of State / Central Govt., State / Central Govt. PSU, Statutory Bodies constituted under the statute of Central / State Govt. as per following terms & conditions:

1. **Name of the work:** “Round-the-Clock maintenance for routine, breakdown and preventive Maintenance of (4 X 9.0 + 2X4) MW TG Sets with all auxiliaries, 66 kV Switchyard and Bindu Barrage under Jaldhaka Hydel Project, WBSEDCL, P.O. Jaldhaka Hydel Project, Dist.- Kalimpong (WB) PIN-734503”
2. **PERIOD OF CONTRACT:-** 02 (two) years with provision of further extension by 1 (one) year based on satisfactory performance and as per agreed rate.
3. **ESTIMATED AMOUNT:** Rs. 4, 60, 19,790.31 (Rupees Four Crore Sixty Lakh Nineteen Thousand Seven hundred Ninety and Thirty One paisa only) for 2(two) years. GST will be paid extra as per prevailing norms.
4. **ANNUAL ESTIMATED VALUE:**
 - a. **1st year:** Rs. 2,24,39,502.33 (Exclusive of GST)
(Rupees Two Crore Twenty Four Lakhs Thirty Nine Thousand Five Hundred Two and Thirty Three paisa only)
 - b. **2nd year:** Rs. 2,35,80,287.98 (Exclusive of GST)
(Rupees Two Crore Thirty Five Lakhs Eighty Thousand Two Hundred Eighty Seven and Ninety Eight paisa only)
5. **EARNEST MONEY DEPOSIT:** Rs. 9, 20,396/- (Rupees Nine Lakh Twenty Thousand Three Hundred and Ninety Six only) shall have to be deposited online/offline mode as per detailed NIT. Tender, without Earnest Money Deposit shall be rejected altogether.

6. **Schedule of Dates for e-Tendering:**

Sl. No.	Activity	Date & Time
1.	Publishing Date	21.07.2026 at 12:00 Hrs.
2.	Document Download start date	21.07.2026 at 12:00 Hrs.
3.	Seek clarification start date	21.07.2026 at 12:00 Hrs.
4.	Seek clarification end date	28.07.2026 upto 17:00 Hrs.
5.	Pre Bid Meeting date	30.07.2026 at 11:00 Hrs.
6.	Bid submission start date	21.07.2026 at 12:00 Hrs.
7.	Bid submission end date	21.08.2026 upto 17:00 Hrs.
9.	Technical Bid opening date	25.08.2026 at 16:00 Hrs.
10	Financial Bid opening date	To be notified later

7. **TECHNICAL ELIGIBILITY CRITERIA:** Intending bidder must possess minimum eligibility criteria as mentioned below:

- a. Valid Electrical Contractor's License with Supervisory Competency Certificate.
- b. Annual turnover not less than 1 (One) Crore in each financial year 2023-24, 2024-25 2025-26.
Audited financial statement for last three financial years shall have to be furnished.
- c. Professional Tax payment certificate/ and Payment Challan for last three financial years.
- d. PAN CARD
- e. GST Registration Certificate.
- f. GST return for last three financial years 2023-24 & 2024-25 and 2025-26
- g. Income Tax Return for last three financial years (2023-24, 2024-25 2025-26).
- h. Trade License in respect of the prospective Bidder, Proprietorship Firm: (Trade License).
Partnership Firm: (Partnership Deed, Trade License). Limited Company: (Incorporation certificate, Trade License). Co-operative Society: (Society Registration certificate, Trade License)

8. FINANCIAL ELIGIBILITY CRITERIA:

The intending bidders must have satisfactorily completed within last 7 years:

At least 3 (Three) completed works of similar nature, each costing not less than the amount equal to 40 % of the 1st year's estimated value.

OR

At least 2(Two) completed works of similar nature, each costing not less than the amount equal to 50 % of the 1st year's estimated value.

OR

At least 1(one) completed work of similar nature, costing not less than the amount equal to 80 % of the 1st year's estimated value.

Similar works means works related to "AMC of Electro-mechanical maintenance or construction of Hydel Power Station having capacity 5 MW or above.

(The separate orders for Mechanical and Electrical works within the same financial year having minimum lapping of one month will be considered as single order for electromechanical work computing the annual value of both the contracts.)

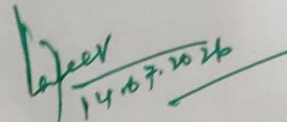
9. OTHER TERMS OF TENDER:

- a. Intending bidder should download the tender documents from the website <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate. All documents are to be submitted concurrently duly digitally signed by the Bidder through the website <https://wbtenders.gov.in>.
- b. The financial offer of the prospective bidder will be considered only if the TECHNICAL BID of the Bidder is found qualified by the WBSEDCL. The decision of the WBSEDCL will be final and absolute in this respect. The list of Qualified Bidders of Technical Bid will be displayed in the website.
- c. Bid shall remain valid for a period not less than 180 (one hundred eighty) days from the date of technical bid opening. If the bidder modifies/withdraws the bid during the validity period of bid, the bid will be cancelled with forfeiture of earnest money deposit (EMD). However, WBSEDCL may, on the merit of case, request for extension of validity of the offer for a further suitable period

without any change in terms & conditions of the offer.

- d.** The Bidder at the Bidder's own responsibility and risk is encouraged to visit and examine the site of works and its surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for the work as mentioned in the Notice Inviting Tender. The cost of visiting the site shall be at the Bidder's own expense.
- e.** The intending Bidders shall clearly understand that whatever may be the outcome of the present invitation of Bids, no cost of Bidding shall be reimbursable by the WBSEDCL. The WBSEDCL reserves the right to accept or reject any offer without assigning any reason whatsoever and is not liable for any cost that might have been incurred by any Bidder at any stage of Bidding.
- f.** All statutory labour laws have to be complied as per Govt. norms during the period of execution.
- g.** No mobilization advance or secured advance will be allowed.
- h.** A prospective Bidder shall be allowed to participate in the tender either in the capacity of individual or as a partner of firm. If found to have applied severally in a single job, all his offers will be rejected for that job.
- i.** The instant e-NIT will be processed in line with prevailing Revised Purchase Policy of WBSEDCL as available in <http://www.wbsedcl.in> website.
- j.** Prospective applicants are advised to note carefully the minimum qualification criteria before tendering the bids.
- k.** Exemption from deposition of Earnest Money (EMD) shall not be allowed under any circumstances.
- l.** Conditional / Incomplete tender will not be accepted under any circumstances.
- m.** The intending Bidders are required to quote the rate online at wbtenders.gov.in.
- n.** During scrutiny, if it comes to the notice of the tender inviting authority that the credential or any other paper found incorrect / manufactured / fabricated, that bidder would not be allowed to participate in the tender and that application will be rejected without any prejudice and legal action will be taken against him.

- o. Canvassing in connection with the tender is strictly prohibited in the Tender submitted by the Contractor.
- p. The WBSEDCL does not bind itself to accept the lowest bidder and reserves the right to reject any or all tender(s) without assigning any reason whatsoever.
- q. Revised Purchase Policy will be followed wherever applicable in respect of the contract work. Revised Purchase Policy is available on company's website.
- r. The WBSEDCL reserves the right to cancel the eNIT due to unavoidable circumstances and no claim in this respect will be entertained.


14.07.2026

(Rajeev)

Additional C.E. & Project Manager,
Jaldhaka Hydel Project

INSTRUCTIONS TO THE BIDDERS (ITB)

1. **OBJECTIVE:** The objective of the tender is to engage an agency on Annual Maintenance Contract to check and rectify the defects satisfactorily in the shortest possible time for keeping the generation at the Power Station unhampered irrespective of holidays or working hours. It also aims at maintaining uninterrupted evacuation of generated power & its transmission to connected substations through the attached 11/66 KV Substations. AMC also includes inspection & maintenance of subject work etc. to ensure optimum intake of water required for generation. The agency shall remain prepared to engage their work force at round-the-clock and immediately on receipt of information from the Controlling Officer or his representative. It may be kept in mind that Time is the essence of this contract.
2. Bidders are required to submit their offer for the Scope of work mentioned in subsequent Section.
3. General guidance for e-Tendering: Instructions/Guidelines for electronic submission of the tenders have been mentioned below for assisting the bidders to participate in e-Tendering.
 - i. Registration/Enrolment of bidder on e-tendering portal of NIC: In order to submit the bid, the bidders have to get themselves registered online on the e-tendering portal of NIC with valid Digital Signature Certificate (DSC) issued from any agency authorized by Controller of Certifying Authority (CCA), Govt. of India and which can be traced up to the chain of trust to the Root Certificate of CCA. The online registration of the bidder shall be one time activity only. The registration should be in the name of bidder, whereas DSC holder may be either bidder himself or his duly authorized person.
 - ii. The bidder shall have to accept unconditionally the online user portal agreement which contains the acceptance of all the terms and conditions of NIT including general and special terms and conditions and other conditions, indignity Pact etc. if any, along-with online undertaking in support of the authenticity of the declarations regarding the facts, figures, information and documents furnished by the bidder on-line in order to become an eligible bidder. No conditional bid shall be allowed /accepted. This user portal agreement will be part of NIT/Contract document.
 - iii. Digital Signature Certificate (DSC): Each bidder is required to obtain a class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders.
 - iv. The bidder can search and download NIT & Tender Documents electronically from the website mentioned in Clause 4 using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

4. Submission of Tenders:

- a. General process of submission – Tenders are to be submitted online through the website <https://wbtenders.gov.in>. All the documents uploaded by the Tender Inviting Authority form an integral part of the contract. Bidders are required to upload all the tender documents along with the other documents, as asked for, in the tender, through the above website within the stipulated date and time as given in the Tender. Tenders are to be submitted in two folders - one is Technical Proposal and the other is Financial Proposal. The bidder shall carefully go through the documents and prepare the required documents and upload the scanned documents in Portable Document Format (PDF) to the portal in the designated locations of Technical Bid.
- b. The bidder needs to download the Forms / Annexure, fill up the particulars in the designated cell and upload the same in the designated location of Technical Bid. He needs to download the BOQ, fill up the rates of items in the BOQ in the designated Cell and upload the same in the designated location of Financial Bid.
- c. The documents uploaded shall be virus scanned and digitally signed using the Digital Signature Certificate (DSC). Bidders should take note of all the addendum/corrigendum related to the tender and upload the latest documents as part of the tender.

5. Technical Proposal

- 5.1 The Technical Proposal shall contain scanned copies and/or declarations in the following standardized formats in two covers (folders).

A. Statutory Cover

- a) **Earnest Money Deposit (EMD):** Scanned copy of Bank Guarantee (BG) / NEFT/ RTGS towards EMD as prescribed in the NIT, in favor of West Bengal State Electricity Distribution Company Limited payable at Malbazar, Jalpaiguri, West Bengal.
- b) **NIT:**
 - i. Notice Inviting Tender (NIT)
 - ii. Addenda/Corrigenda: if published. Bidders are to keep track of all the Addendum/Corrigendum issued with a particular tender and upload all the above digitally signed along with the NIT. Tenders submitted without the Addendum/Corrigendum will be treated as informal and liable to be rejected.
- c) **Forms/ Annexure:** As per NIT, only downloaded copies of the above documents are to be uploaded, virus scanned and digitally signed by the bidder) Note: Tenders will be summarily rejected if any item in the statutory cover is missing.

B Non-Statutory Cover (My Document):

- a. Valid Electrical Contractor's License with Supervisory Competency Certificate.
- b. Annual turnover not less than 1 (One) Crore in each financial year 2023-24, 2024-25 2025-26. Audited financial statement for last three financial years shall have to be furnished.
- c. Professional Tax payment certificate/ and Payment Challan for last three financial years.
- d. PAN CARD
- e. GST Registration Certificate.
- f. GST return for last three financial years 2023-24 & 2024-25 and 2025-26
- g. Income Tax Return for last three financial years (2023-24, 2024-25 2025-26).
- h. Trade License in respect of the prospective Bidder, Proprietorship Firm: (Trade License). Partnership Firm: (Partnership Deed, Trade License). Limited Company: (Incorporation certificate, Trade License). Co-operative Society: (Society Registration certificate, Trade License)
- i. Certificates: Documents substantiating the eligibility criteria as in NIT.
- j. Power of Attorney authorizing the signatory of the bid to commit the bidder. In case of partnership firm, any of the partners may sign the documents. However, deed of partnership shall have to be enclosed.

5.2 Financial Proposal The financial proposal shall contain the following documents in one cover (folder). Bill of Quantities (BOQ): The bidder is to quote the rate online in the space marked blue for quoting rate in the BOQ. (Only downloaded copies of the above documents are to be uploaded, virus scanned and digitally signed by the bidder).

6. Earnest Money deposit (EMD) :

- a. **Exemption from deposition of earnest money deposit (EMD) shall not be allowed under any circumstances.**
- b. A bidder desirous of taking part in a tender shall login to the e-procurement portal of Government of West Bengal <http://wbtenders.gov.in> using his login Id and password.
- c. The bidder shall select the tender to bid and initiate payment of EMD. Following payment options are available for paying EMD through online mode.
 - i. Net banking through Payment Gateway.
 - ii. **RTGS/NEFT Payment:** On selection of RTGS/ NEFT as the payment mode, the e-Procurement portal will show a pre-filled challan having the details to process RTGS / NEFT transaction. The bidder will print the challan and use the pre-filled information to make RTGS/NEFT payment using his bank account. Once the payment is made, the bidder will come back to the e-procurement portal to continue the bidding process after expiry of a reasonable time to enable the RTGS / NEFT process to be completed.

d. General Instructions for Online Payment:

- The bidder will have to mandatorily pay through Net-banking facility once Net banking mode is opted for payment.
- Status of NEFT / RTGS payment through Challan for a bid may take time for bank settlement which is updated in 24 Hrs. (approx.). As such bidders opting to pay through NEFT/RTGS mode shall make payment well before 24 Hrs. to avoid any complicity.
- In case actual EMD amount as per NIT is more than the one shown in E-tender Portal, bidders will have to opt for NEFT/RTGS mode (challan mode). In that case the total actual EMD amount is to be paid only through NEFT/RTGS mode (challan mode).
- The bank account used for payment of EMD by the bidders shall be maintained operative until the completion of tendering process. All refunds will be made mandatorily to the Bank A/c from which the payment of EMD has been initiated.

e. GSTIN of WBSEDCL is 19AAACW6953H1ZX.

f. Refund/ Settlement of EMD Amount:

- For unsuccessful bidders, EMD amount submitted against the tender shall be refunded automatically, through an automated process, by NIC portal on receipt of updated status of any bid.
- For successful bid(s), EMD will be kept as part of Security Deposit and will be refunded after successful completion of Defect Liability Period and certified as such by the controlling officer to the work upon written request by the contractor.
- The bank account used for payment of EMD by the bidders shall be maintained operative until the completion of tendering process. All refunds will be made mandatorily to the Bank A/c from which the payment of EMD has been initiated.
- For any queries related to payments and refunds, bidders will have to communicate with **ICICI Customer Support, viz, 033_40267512/13 since payment gateway facility used by E-tender portal is maintained by ICICI.**
- Successful bidder(s) shall have to mandatorily create vendor id through WBSEDCL Web Portal Vendor Corner, if not created earlier.

7. Evaluation of tender:

a. Opening of Technical Proposal.

- i. Technical proposals will be opened by the Tender Inviting Authority or his authorized representative electronically from the website stated above, using their Digital Signature Certificate.
- ii. Intending bidders may remain present if they so desire.
- iii. Cover (Folder) for Statutory Documents will be opened first and if found in order, Cover (Folder) for Non-statutory Documents will be Opened. If there is any deficiency in the Statutory Documents, the tender will summarily be rejected.
- iv. Decrypted (transformed into readable formats) documents of the Statutory and Non-statutory Covers will be downloaded for the purpose of evaluation.

b. Techno-commercial Evaluation of Tender;

- i. While evaluation, the Tender Inviting Authority or his authorized representative may summon the bidders and seek clarification / information or additional documents or original hard copy of any of the documents already submitted and if these cannot be produced within the stipulated time frame, their proposals will be liable for rejection.

- ii. The summary list of bidders, whose bids will be found technically responsive, will be uploaded in the web portals. Date of opening of financial bid will be intimated to the techno-commercially qualified bidders.

c. Financial Proposal:

- i. Financial proposals of the bidders declared techno-commercially eligible, will be opened electronically by the Tender Inviting Authority from the web portal stated above on the prescribed date.
- ii. The encrypted copies will be decrypted and the rates will be read out to the bidders remain present at that time.
- iii. After opening of the financial proposal, the preliminary summary result containing inter-alia, name of bidders and the rates quoted by them will be uploaded.
- iv. The Tender Accepting Authority may ask any of the bidders to submit analysis to justify the rate quoted by that bidder.
- v. Revision/withdrawal of Financial Proposal by the bidder after opening of Technical Proposal of the tender will not be allowed if it is not sought by the Tender Inviting Authority
- vi. **Acceptance of Tender:** Lowest valid rate should normally be accepted. However, the Tender Accepting Authority does not bind himself to do so and reserves the right to reject any or all the tenders, for valid reasons.

8. Concession: No price preference will be allowed to any bidder based on the size of the industry or its geographic location. Co-operative Society will not be considered with separate status.

9. Holiday Listing and Vendor Rating: Holiday Listing & Vendor Rating will be applicable according to the "Holiday Listing & Vendor Rating" policies of the Revised Purchase Policy, which is posted in website of WBSEDCL (www.wbsedcl.in). Performance of the bidders, who supplied materials/equipment to WBSEDCL previously, will be evaluated for their Vendor Rating according to the said Vendor Rating policy and their Vendor Rating will be taken into consideration at the time of evaluation of Technical and Financial Proposals of the tender.

10. Responsibility of Bidder:

- i. WBSEDCL will not assume any responsibility regarding information gathered, interpretations or conclusions made by the bidder or regarding information, interruption or deductions the bidder may derive from the data furnished by the WBSEDCL. Verbal agreement or conversation with any officer, employee of WBSEDCL either before or after the execution of the contracts, shall not affect or modify any of the terms or obligations contained in the contract.
- ii. It shall be the responsibility of the bidders to determine and to satisfy themselves by such means as they consider necessary or desirable as to all matters pertaining to this contract including in particular all factors that may affect the cost, duration and execution of the works. It must be understood and agreed that such factors have properly been investigated and considered while submitting the bid.
- iii. Claim, whatsoever, including those for financial adjustment to the contract awarded under these specifications and documents will not be entertained by the purchaser. Neither any change in time schedule of contract nor any financial adjustments arising thereof shall be permitted by the purchaser, which are based on the back of such clear information of its effect on the cost of the contract to the bidder.
- iv. The bidder is expected to examine carefully all instructions, conditions, forms, schedules terms, annexure, and specifications in the bidding document.
- v. Failure to comply with the requirements of bid submission will be at the bidder's own risk. Bids, which are determined to be not substantially responsive to the requirement of the bidding document, will be rejected.

- vi. **Cost of Bidding:** The bidder shall bear all cost associated with the preparation and submission of their bid and WBSEDCL in no case shall be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.
- vii. **Clarification of Bidding document:** Should there be any discrepancy or obscurity in the meaning of any clauses of the bid document or if there be any query of the intending bidder, the bidder shall set forth in writing such discrepancies, doubt, obscurity or queries and submit the same to WBSEDCL, marked to the Project Manager, JHP, WBSEDCL, Dist: Kalimpong before two days from the deadline of bid submission. The clarification given shall be final and binding on the part of bidder.

11. Bid Prices:

- i. The bidder shall quote their price in the prescribed format.
- ii. The quoted price should be firm. There will be no price variation during the dependency of the contract period or thereafter. Bidders are in no way allowed to get any escalation of price against this contract.
- iii. Prices indicated in the schedule of prices deemed to include all the levies/ duties/ taxes/cess & all other incidentals payable as per statute. GST shall be paid extra as per statute.
- iv. All corrections in the tender should be initialed by the tenderer before submission of the tender. All pages of the tender document must be signed with company's seal by the tenderer. Prior to the detailed evaluation of bids, WBSEDCL will determine whether the bid is substantially responsive to the requirement of the bidding document. For the purpose of this clause a substantially responsive bid is one which conforms to all the terms, conditions and specification of the bidding document, without material deviation, or reservations. The purchaser's determination of bid's responsiveness shall be based on the contents of the bid itself without recourse to extrinsic evidence. If a bid is not substantially responsive to the requirements of the bidding document, it may be rejected by WBSEDCL and the same cannot subsequently be made responsive by the bidder by correction.

12. Process to be confidential.

- i. After the opening of bids, information relating to the examination, clarification, evaluation and comparison of bids, and recommendations concerning the award of contract shall not be disclosed to bidders or other persons not officially concerned with such process.
- ii. Any effort by a bidder to influence WBSEDCL or other connected in the process of examination, clarification, evaluation and comparison of bids, and in decisions concerning the award of contract, may result in the rejection of his/their bid.

13. Evaluation and comparison of Bids:

- i. On examination of documents submitted under different covers WBSEDCL will evaluate and compare the bids, determined to be substantially responsive at each step.
- ii. The owner shall evaluate and compare only the bids determined to be substantially responsive evaluated bid and as a result of this comparison, the lowest bid will be selected for award of contract. Evaluation of bid will include and will take into account Cost of total Scope of Work excluding Taxes.
- iii. Conditional rebate, if any, offered by any bidder shall not be considered in Bid evaluation.

14. Laws governing contract: The contract shall be construed according to acts/laws in force in the country and shall be under the jurisdiction of Calcutta High Court.

15. Language and measures: All documents pertain to the contract including specifications, schedule, notice, correspondences, operating and maintenance instructions, drawings or any other writings be written in English language. The metric system of measurement shall be used exclusively in this contract.

- 16. Corrupt or fraudulent practice:** WBSEDCL expects that bidders/contractors observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the owner defines for the purpose of this provision, the terms set forth below as follows:
- i. **“Corrupt practice”** means the offering giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution, and
 - ii. **“Fraudulent Practice”** means misrepresentation of facts in order to influence a procurement process of the execution of a contract to the detriment of the owner, and includes collusive practice among bidders (Prior to or after bid submission) designed to establish bid prices at artificial no-competitive levels and to deprive the owner of the benefits of free and open competition.
 - iii. Will reject a proposal for award if the owner determines that the bidder recommended for award has engaged in corrupt or fraudulent practice in competing for the contract in question.
 - iv. Will declare a Firm ineligible either indefinitely or for a stated period of time if owner any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.
- 17. Penalty for suppression / distortion of facts.** If any Bidder fails to produce the original hard copies of the documents (especially Completion Certificates and audited balance sheets), or any other documents on demand of the Tender Committee within a specified time frame or if any deviation is detected in the hard copies from the submitted copies or if there is any suppression, the tender committee will take action as deem fit against such defaulting Bidder.
- 18. Award of contract (AOC):**
- i. The Bidder who's Bid would be accepted will be notified by the authorized official through acceptance letter/Letter of award/ Purchase order.
 - ii. The notification of award will constitute the formation of the Contract.
 - iii. The Agreement as prescribed format will incorporate all agreements between the Tender Accepting Authority and the successful bidder. All the tender documents including N.I.T., B.O.Q., S.O.W will be the part of the contract documents.
- 19. Right to reject bids:** WBSEDCL reserve the right to accept or reject any bid to and the bidding process and reject all the bids at any time prior to award of contract without **thereby** incurring any liability to affected bidder or bidders or any obligation to inform the affected bidder or bidders the reason for *WBSEDCL's* action.
- 20. Taxes, duties and other levies:**
- i. The contractor shall be solely responsible for the taxes that may be levied on the contractor's persons or on earnings of any office employee and shall hold the purchaser indemnified and harmless against any claims that may be made against the purchaser. The WBSEDCL does not take any responsibility what-so-ever regarding taxes under Indian Income Tax Act for the contractor or his personnel. If it is obligatory under the provisions of Indian Income Tax Act, deduction of Income Tax at source shall be made by WBSEDCL.
 - ii. All other taxes/duties/levies/cess payable by the bidder except GST shall be included in the bid price and no claim on this behalf will be entertained by WBSEDCL. GST will be paid extra as per prevailing rules.

- 21. Additional Performance Security:** If the lowest bidder's bid is found to be within the range of -20% to -50% of the estimated value, the bidder shall have to furnish an Additional Performance Security amounting to 10% of the tendered amount and for the range of -50% to -80% of the estimated value, the bidder shall have to furnish an Additional Performance Security amounting to 20% of the tendered amount within 30 (Thirty) days from the date of issuance of P.O./ Order. The Additional Performance Security shall have validity for entire defect liability period and with a claim period of another 3(three) months. Tenderer shall not claim any interest on Additional Performance Security. Additional Performance Security may be extended or revised as per the request of purchaser.

..... END OF ITB

GENERAL CONDITIONS OF CONTRACT (GCC)

1. **DEFINITION OF TERMS:** Unless the context otherwise requires, the following terms whenever used in this document have the respective meaning:

- i. The 'Company'/'Employer'/'Department' shall mean the WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LTD. (WBSEDCL), having its Office at Vidyut Bhavan, Block-DJ, Sector-II, Kolkata - 700091 and shall include its successors and assigns.
- ii. The 'Engineer-in-Charge' shall mean the Engineer designated by the Company for the purpose of this contract. He will authorize the Controlling Officer and Supervising Officer for carrying out the work.
- iii. Company's representative' shall mean any person or persons of consulting firm appointed and remunerated by the Company to supervise, inspect, test and examine workmanship and materials of the work under this scope.
- iv. The 'Contractor' shall mean the Bidder who will be awarded with the contract by the Company and shall include the contractor's executor's administrators, successors and permitted assignees.
- v. The 'Sub-Contractor' shall mean the person named in the Contract for any part of the works or any person to whom any part of the contract has been sublet by the contractor with the consent in writing of the Engineer and will include the legal representatives, successors and permitted assigns of such persons.
- vi. 'Equipment/materials' shall mean and include all type of equipment & materials as per "**scope of work, technical specifications & equipment details**" or any equipment added, replaced, modified, commissioned during pendency of contract in JHP for smooth generation and for true and satisfactory completion of the work under this contract.
- vii. 'Workmanship' shall mean the method/manner in which the jobs of the different items, whether included in the schedule or not but are required for true & satisfactory completion of the work under this contract are executed.
- viii. 'General conditions' shall mean all the clauses of General conditions of the proposed contract stated hereinafter. The specification shall mean the specification annexed to or issued with the General Conditions and shall include the schedule and drawings attached thereto.
- ix. The term 'Services' shall mean all works to be undertaken by the contractor as laid down under the head "scope of work" or elsewhere in the specification enclosed.
- x. 'Day' means a calendar day beginning and ending midnight.
- xi. 'Week' means seven consecutive calendar days.

- xii. 'Writing' shall include any manuscript, type written, printed or other statement reproduced in any visible form.
- xiii. The work 'Site' shall mean the site of power house Stage-I & II, 66 kv switchyard of I & II, inspection bungalow, parent office and Bindu barrage or any other place where the work is to be executed under the contract.
- xiv. 'Date of Commencement' shall mean the date of actual handing over of site.
- xv. 'Specifications' shall mean collectively all the terms and stipulations contained in this document including the conditions of contract, technical provisions and attachments thereto and list of corrections and amendments.
- xvi. 'Drawings' means collectively all the accompanying general drawings as well as all detailed drawings, which may be used from time to time.
- xvii. 'Labourer' shall mean all categories of labour engaged by the Contractor, and his piece workers for work in connection with the execution of the work covered by the specifications. All these labourers will be deemed to be employed primarily by the Contractor.
- xviii. 'Plant'/'Equipment'/'Stores' means and include plant and machineries to be provided under the contract.
- xix. 'Urgent Works' shall mean any urgent measures, which in opinion of the Engineer-in-Charge, become necessary at the time of execution and/or during the progress of work to obviate any risk of damage to the structure, or required to accelerate the progress of work or which become necessary for security or for any other reason WBSEDCL may deem expedient.

2. LOCATION OF PROJECT: The Jaldhaka Hydel project is located in Gorubathan Block of Kalimpong dist. of West Bengal at approximate distance of 120 KM from Siliguri Town. The site is reached by road from Mal/Siliguri. The nearest Railway station is MAL/New Jalpaiguri Jn. And nearest airport is Bagdogra.

3. SUPPLY OF MATERIALS BY THE AGENCY: Agency has to provide the working consumables like

- i. Jute, old cloth, Marking cloth, cotton waste, M Seal, thread seal tape, Emery Paper, Benzene.
- ii. Different types of welding electrodes, metal cleaning brush & rod.
- iii. All types of grease, Rustoline, CRC, WD40, PVC Tape, Araldite, all kind of gasket, any kind of O rings, rubber chord etc.
- iv. Gas for gas cutter like acetylene/oxygen
- v. Cleaning materials like Kerosene Oil, Petroleum Oil, Diesel, Petroleum jelly, brake oil for Stage-I Power house, Stage-II Power House and Bindu Barrage.
- vi. Grease and Cardium Compound only for different types of gate and hoisting arrangement

shall be provided by the department.

4. **TOOLS & TACKLES:** All tools & tackles including special tools shall have to be provided by the agency.

The agency may gather a list of special tools and tackles available with the Company and should remain equipped to supply tools required for doing any job as and when Necessary so that work does not suffer. The Company will provide EOT Crane for use during such period of contract. The operation and maintenance of the EOT Crane will be the responsibility of the Agency. The Turbine Oil filter machine shall be provided by the Company free of cost for filtration of the Turbine Oil etc. The Agency shall submit a list of tools & tackles available with them. Following are the probable required tools for each power house. The work shall not get hampered due to want of normal tools.

- MEGGAH – 2500 Volt and 500 Volt.
- Plier, Slide wrench of different sizes.
- D.E. Spanner, Ring Spanner, Screw Driver (of different sizes),
- Mallet, Hammer of different sizes.
- Aluminium/Bamboo Ladder, grease gun etc.
- Rechargeable Torch– 4 nos.
- Precision Multimeter, Line tester.
- Precision Tong Tester.
- Metal cutting Drill machine with drill bit & Tap of different sizes.
- Hammer drill machine with drill bit as per requirement.
- Cordless Impact Wrench, 285 Nm Torque - 02 Set.
- Allen Key set.
- Hydro Meter.
- Arc welding set with rod, welding shield, welding goggles, welding burner etc. as per requirement.
- Gas Cutter set with all accessories and gas and its refilling.
- Brazing tools with brazing rod.
- Iron cutter with wheels as per requirement.
- Pen vibration tester, vernier scale (0-500mm), measuring tape (5 mtr & 30 mtr)
- Chain pulley 5 Ton.-2 nos.
- AG-4 (angle grinder) with accessories.

Bindu Barrage:

The agency shall keep one (01) complete welding set with welding machine, welding electrodes (rods), welding shield, and other necessary accessories; one (01) gas cutting set with oxygen cylinders for metal cutting; one (01) grinding machine adequate cutting blades and 4 Nos

rechargeable Torch Light at the site (Bindu Barrage), for carrying out emergency maintenance works as and when required along with all other safety equipment e.g. safety belts, gumboots, safety shoes, hand gloves (**Both HT & LT**), helmets etc in sufficient quantity as per the instructions of the Engineer-in-Charge and provisions of statutory safety norms.

5. **Movement** : All sorts of movement of the personnel, tools and tackles, consumables etc. of the agency for attending normal and emergency maintenance work shall have to be arranged by the agency through its own arrangement.
6. **Communication:**
 - The agency has to provide 5 (five) nos. mobile handsets with active SIM connections (BSNL/Jio) to Site in-charge, 3 (three) nos. supervisors stationed at different site of JHP and for Bindu Barrage Control room (whatsapp enabled smart phone) to facilitate effective communication and prompt resolution of faults and operational issues.
 - Four (04) number walkie-talkies to be provided at Bindu Barrage for proper internal communication with operators and site supervisors during gate operation, valve operation, Crane operation etc.
7. **MATERIAL HANDLING** :
 - a. All sorts of material handling (loading unloading), shifting the equipment and its spares etc. in connection with operation and maintenance work at work site.
 - b. All sorts of material handling (loading unloading), shifting the equipment and its spares etc. in connection with operation and maintenance work at store.
 - c. Loading and unloading of materials sent to works of appointed agency of the dept. in connection with ordered items, sampling, repairing, overhauling, replacement of spares etc.
 - d. Loading and unloading of materials receipt from appointed agency of the dept. in connection with ordered items, sampling, repairing, overhauling etc.
 - e. Operation of EOT crane and loading unloading of various materials are in the scope of the agency.
 - f. EOT Crane/ Slings/D-shackles /vehicle etc. as per availability in the department may be utilized by the agency with prior concurrence of the Controlling Officer. However, the **Crane operator has to be arranged by the agency to execute this contract.**
8. **ACCOMMODATION & Electricity Bills:** As per norms of WBSEDCL, accommodation may be provided on chargeable basis by the WBSEDCL to the contractor's workmen as per availability. The charge for each quarter will be Rs 1200/-per month. Electricity charges shall have to be paid by the agency as per prevailing rules of WBSEDCL.

9. **WATER & ELECTRICITY:** WBSEDCL will provide compressed air, water & electricity required for execution of the contract.
10. **COMPLIANCE OF STATUTORY LABOUR RULES & REGULATIONS :** The agency must comply with all rules & regulations of various Labour Acts e.g.
- a. Workmen's Compensation Act 1923
 - b. Payment of wages Act, 1936;
 - c. Minimum wages Act, 1948;
 - d. E.P.F. The contractor shall comply with all provisions of Employees' Provident Fund & Miscellaneous provisions Act, 1952. Copy of ECR, Combined challan-challan with temporary TRRN(Temporary Return Reference Number), RCS(Remittance Confirmation Slip i.r.o. personnel engaged for execution of the work during contract period shall have to be submitted with monthly Bills by the agency to the Controlling Officer of the work.
 - e. MP Act 1952;
 - f. Payment of Bonus Act 1965.
 - g. Contract Labour (Regulation and Abolition) Act 1970
 - h. Medclaim or ESI as per statute. The agency has to subscribe Employee State Insurance for their engaged workers in ESI coverage area. In case of the ESI subscription is not feasible, the agency has to acquire workmen's compensation Insurance which shall be in accordance to the workmen's compensation act 1923 and the rules made there under. The insurance policy covering ESI subscription / provisions for workmen's compensation for all the workmen to be engaged is to be submitted to the controlling officer of the work for verification of the same. In case of extension of contract, additional coverage in the policy is to be made and the same shall also be submitted for verification.
 - i. Child Labour Prohibition & Regulation Act'1956 and Rules Regulations and amendments more there under.
 - j. Contractor shall have to obtain Labour License i.r.o the above work per Contract Labour (Regulation & Abolition) Act. 1970 within 14 (fourteen) days from the date of issuance of Letter of Award. Further contractor will have to prepare employment card in duplicate for contract labours to be engaged by him in prescribed format to be issued by the department, one copy to be issued to the contract labour and other to be submitted to the controlling officer of the job before commencement of work.

- k. **AGREEMENT:** The agency shall have to execute an agreement with the department in prescribed format on non-judicial stamp paper worth Rs. 100/- (+ Re 1/- revenue stamp) within one month from the date issuance of LOA. Agreement shall be submitted in 6 copies in book form.
- l. **Indemnity Bond:** The contractor shall submit indemnity Bond on 100/- non-judicial stamp before start of work on prescribed proforma to indemnify men & materials of WBSEDCL on prescribed proforma of WBSEDCL.
- m. **Identity Card:** The Agency shall provide Identity Card of all his employees engaged for this work. All employees shall carry their Identity Card during work as per this contract.
- n. **Building & Other Construction Workers Welfare (BOCWW) Cess:** BOCWW Cess shall be deducted from agency's Bills as applicable. Successful bidder shall have to obtain registration from concerned Labour office under the Building & Other Construction (Regulation of Employment & Conditions of Services) Act, 1996.
- o. The agency has to abide and follow any other laws as applicable relating thereto and rules made there under time to time.

11. **SAFETY REGULATION:**

- i) **ACCIDENT RISK:** WBSEDCL shall not be responsible in connection with any sort of accident either fatal or non-fatal which may occur during execution of work transportation of materials/equipment, execution/maintenance of works. The Contractor shall have to provide safety precautionary arrangement for his workmen in order to avoid any such incident/accident as per prevalent safety rules and regulations.
- ii) All units with Contractors shall, at all times at his own cost exercise reasonable and proper precautions for the safety of all people directly or indirectly employed for the performance of the work and shall comply with all safety regulations. WBSEDCL shall not bear any responsibilities towards any accident/ casualties etc. under this contract. During execution of the work any damage to the WBSEDCL properties incurred by the contractor's labour shall make good by the contractor at his own cost. However extra care should be taken to avoid such damages during the execution of the contract. Safety Equipments like **helmet, safety shoe, safety belt, Earthling rod, hand gloves shall have to be provided to their working personnel by the agency at their own cost.**
- iii) All units with respect to their location, layout, general arrangement and design and equipment, structural design, etc. shall be safe to the personnel and conform to the relevant safety rules and regulations/statutory requirement issued by the State Government and the Central Government as well as to:

- a. Indian Electricity Rules 2005 and Amendment thereafter
- b. Indian Electricity Act 2003 and Amendment thereafter
- c. Indian Explosives Manual
- d. Fire Protection Manual issued by Tariff Advisory Committee (India).
- e. Dam Safety Act, 2021

The bidder shall also provide necessary fencing and lights to protect the public from accident.

Fire extinguishers shall be kept by the bidder at the site of works where there is risk of fire. Fire extinguisher shall be arranged by the department.

When the work is done near any place where there is risk of drowning, all necessary equipments shall be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provisions shall be made for prompt first aid treatment of all injuries likely to be sustained during the course of work.

These safety provisions shall be brought to the notice of all concerned by displaying on a notice board at a prominent place at the work spot. The persons responsible for compliance of code shall be named by the bidder.

To ensure effective enforcement of the rules & regulations relating to safety precautions, the arrangement made by the bidder shall be open to inspection by the employer and WBSEDCL.

Notwithstanding the above clauses there is nothing in those to exempt the bidder from the operations of any other Act or Rule in force in the Republic of India.

All storage, handling & use of flammable liquids shall be under the supervision of qualified persons.

First aid arrangements with the degree of hazard and with no. of workers employed shall be maintained in a readily accessible place throughout the whole of working hours.

Reporting of Accident: All accidents, major or minor, must be reported immediately to WBSEDCL and the contractor will provide first aid to the injured person immediately. The injured person shall report to the First Aid Station along with the 'Injured on work' form as per appropriate Proforma, duly filled in quintuplicate and submit to the Medical Officer of the First Aid Station.

Serious Injuries: In case of serious injuries, the following procedure shall be adopted by the contractor.

- To provide first aid at his own First Aid Station.
- To take the injured person to the hospital along with the 'Injured on work' form duly filled in.
- To report the accident to WBSEDCL.

Fatal Accident: Fatal accidents must be reported immediately to WBSEDCL as well as to the Police.

Penalty: Failure to observe the Safety Rules will make the contractor liable to penalty by way of suspension of work/termination of contract.

Adequate arrangement for proper lighting & guarding shall be made at the work site.

12. **CONTRACT PERIOD:** The Contract Period will be of 02 (two) years with provision of further extension by 1 (one) year based on satisfactory performance and as per agreed rate.
13. **PRICE ESCALATION:** The price shall remain FIRM during the continuance of the Contract. No price escalation / reimbursement of any amount, except otherwise mentioned in the contract, shall be entertained
14. **AWARD OF CONTRACT:** The WBSEDCL will award the contract to the successful bidder whose bid has been determined to be substantially responsive and has been determined as lowest evaluated bid provided further that the bidder is determined to be qualified to perform contract satisfactorily. Prior to the expiration of bid validity, the WBSEDCL will notify the successful bidder in writing by registered letter or by Fax / Email (called letter 'Letter of Award) the sum which the WBSEDCL will pay to the contractor in consideration of the execution of contract called the contract price.
15. **PERFORMANCE SECURITY:**
 - a. The successful tenderer shall within 14 (fourteen) days of receipt of an intimation in writing to the effect that his tender is accepted by WBSEDCL, shall submit his acceptance in writing and submit Performance Bank Guarantee in the format as in per prescribed format amounting to 10 (ten) % of the annual contract value or any revised percentage as per norms, failing which the tender will automatically be treated as cancelled and earnest money will be forfeited.
 - b. The performance security submitted in the form of the bank guarantee as per prescribed format shall be valid for entire period of contract and additional 3 months of claim period and it is to be issued by scheduled commercial bank.
 - c. The Proceeds of the Security shall be payable to WBSEDCL as compensation of any loss resulting from the contractor's failure to complete his obligation under the contract.
 - d. In case of extension of the contract, the performance security has to be renewed at the beginning of the extended period. The validity of the performance security shall be valid for period of extension + 3 months of claim period.
 - e. Security shall be refunded to the agency after a period of 06 (six) months from the date of successful completion of the contract on the basis of certification by the Controlling Officer towards satisfactory performance of the agency during the period of contract.

16. DEDUCTION FOR NON_COMPLIANCE OF CONTRACT SPECIFICATIONS: In case the maintenance work during any month gets affected due to paucity of man or incompetency or bad workmanship or irregular/late attendance by the workmen of the entrusted agency, a proportionate amount equivalent to the no. of man-day or or part thereof (**Rate of Man-day will be determined on the basis of their respective category of our estimate and 50 % over the rate of wages as shown in the entrusted agencies monthly acquaintance for respective labour payments**) shall be deducted from the respective R/A bill. The decision of the controlling officer shall be final and binding on part of the agency. On any compelling situation, any work falls within the scope of work, if required to be performed through any other agency then cost of the same will be deducted from agency's bill as per assessment of the Engineer in charge or on the basis of a standard rate analysis. This is extra from LD clause.

17. LIQUIDATED DAMAGE

- a. If the Contractor shall fail to complete the total works within the time prescribed herein or extended time for completion, then the Contractor shall pay to the Company a sum amounting to 0.143 % of the "Contract value of work" as liquidated damages for such delay for each day subject to Force Majeure.
- b. Extension for completion period may be allowed on reasonable ground against written application of agency stating justifiable reason with supporting documents. Liquidated Damages shall be levied maximum of ten percent (10%) of the contract price.
- c. The Company may, without prejudice to any, all other method of recovery deduct the amount of such damages from any money in their hand due or which may become due to the contractor. The payment or deduction of such damages shall not relieve the contractor from this obligation to complete the works or from any other of his obligations and liabilities under the contract.
- d. If there is a valid acceptable reason for delay of execution, the Controlling Officer may at his discretion consider lower down of the liquidated damage or even waive the liquidated damage on having written prayer from the contractor along with valid reason.

18. PAYMENT:

- a. **PAYMENT TERMS:** Payment will be made through monthly R.A. bills, for which the agency will have to submit his tax invoice in triplicate with the following documents:
 - i. Job reports certified by the Controlling Officer.
 - ii. Consumption Statement of Departmental materials.
 - iii. Copy of Wage Register as per Contract Labour Act.
 - iv. Copy of challans depositing E.P.F for the worker engaged by the Contractor.
 - v. Any other statutory documents like indemnity bond, contract agreement, labour licence, etc.

- b. **PERMITS & FEES:** The agency shall obtain and pay for all permits, licenses, or other privileges necessary to complete the work, certificate of which shall be delivered to the Engineer-in-Charge and shall become the property of the Department.
- c. **INCOME TAX:** Income Tax will be deducted as per IT Act 1961 from each R.A bill / final bill. And necessary certificate will be issued as per norms.
- d. **GST:** GST will be paid as per statute. GSTIN of WBSEDCL is 19AAACW6953H1ZX.

19. **DEDUCTION OF PAYMENT IN CASE OF ABSENCE MORE THAN ONE MONTH:** Deduction shall be made from monthly Bills, for not maintaining the manpower set up, as per NIT.

Type of workmen	Rate of Deduction
Site-in-Charge / Supervisor	7.0 % of the monthly contract value per month per person
High Skilled Technicians	6.5 % of the monthly contract value per month per person
Skilled Technicians	6.0 % of the monthly contract value per month per person
Semi-skilled Technicians	5.5 % of the monthly contract value per month per person
Unskilled Helper	5.0 % of the monthly contract value per

20. **DEDUCTION OF PAYMENT IN CASE OF COMPLETE/PARTIAL SUSPENSION OF WORK:** If the contractor is found to suspend the work at any day / days for the reasons attributable to the contractor, deduction shall be made from the monthly RA Bills on 50% over the pro-rata cost for such period of suspension of work. For this purpose, one month will be considered as 30 (Thirty) Days.
21. **OVERALL CONTROLLING OFFICER:** The Addl. Chief Engineer & Project Manager, Jaldhaka Hydel Project, WBSEDCL will be the Overall Controlling Officer.
22. **ENGINEER-IN CHARGE:** The Superintending Engineer (Elect.), Jaldhaka Hydel Project, WBSEDCL will be the Engineer-In-Charge of the work. All the correspondence for the work has to be made to him.
23. **TECHNIAL CONTROLLING OFFICER:**
- The SE(E) & I/C Stage-I shall be the controlling officer for works related to Stage-I Power House.
 - The DE(E) & I/C Stage-II shall be the controlling officer for works related to Stage-II, Power House.

lil The DE (Civil), JHP shall be the controlling officer for works related to Bindu Barrage Works.

24. SUPERVISING OFFICER:

- i. The Divisional Engineer (E/M) or authorized representative of the Controlling officer of respective power houses.
- iii. The Assistant Engineer(C)-III or authorized representative of the controlling officer for works related to Bindu Barrage.

25. NODAL OFFICER: The Assistant Manager (HR&A), JHP, WBSEDCL will be the nodal officer & he/she will verify the documents towards compliance of labour related statutory rules & laws.

26. PAYING OFFICER: The Manager (F&A), JHP, WBSEDCL will be the paying officer.

27. TERMINATION OF CONTRACT:

- a. If the contractor fails to start the work within a month from the date of issue of Letter of Intent /Work Order, the WBSEDCL shall have the right to cancel the letter of intent/work order with forfeiture of earnest money (Converted into initial security) without giving any notice to the contractor.
- b. If the contractor neglect, or fails to proceed with the work satisfactorily as per requirement, fulfilling terms and conditions of the contract, the WBSEDCL shall have the right to terminate the work order / letter of intent after giving notice in writing to the contractor. If the contractor fails, after 14 (fourteen) days of such notice, to proceed the work in the manner notified, the WBSEDCL shall terminate the contract.
- c. In that case the WBSEDCL shall take possession of the work, site and engage other agency to complete the work. Extra cost, if incurred, to get the unfinished work done through other agency, will be realised from him, from his pending bills and performance security. If the contract terminated as above, the contractor shall have no claim for compensation against the WBSEDCL for any loss or deterioration of any materials that he may have collected or engagement he may have entered into on account of the work.

28. ARBITRATION: In case, any dispute arises between the contractor and WBSEDCL, the same shall have to be settled mutually and no arbitration in this respect either can be sought for or shall be granted.

29. RISK PURCHASE: If the contractor fail, on receipt of the order, to take up the work within reasonable period or leave the work site after partial execution of the work WBSEDCL shall have the liberty to get the work done through other agency at his own risk and additional amount if any. If the situation so warranted to compel WBSEDCL to cancel the order placed on the Contractor, he shall be liable to compensate the loss or damage, which WBSEDCL may sustain due to reasons of failure on his part to execute the work in time.

30. **JURISDICTION:** Any dispute between the Company and the agency which may arise during implementation of the subject contract; including its execution, the necessary judicial affairs and/or court case; shall be inclusively within the jurisdiction of the District where the Power Station is located/ Kolkata High Court only.
31. **LIMITATION OF LIABILITY:** Except in cases of criminal negligence or wilful misconduct, neither Party shall be liable to the other Party, whether in contract , tort or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, which may be suffered by the other Party in connection with the Contract, other than specifically provided as any obligation of the Party in the Contract, and the aggregate liability of the Contractor to the Employer, whether under the Contract, in tort or otherwise, shall not exceed the amount resulting from the application of the multiplier specified in the bid document to the Contract price or , if a multiplier is not so specified , the total Contract Price , provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the Contractor to indemnify the Employer”

-----END of (GCC)_____

SCOPE OF WORK, TECHNICAL SPECIFICATIONS & EQUIPMENT DETAILS (SOW)

1. **JOB INVOLVEMENT AND SCOPE OF THE WORK:** This is a service contract, where the qualified agency shall provide required qualified manpower as per NIT and the work shall be carried out under the supervision of authorized personnel of the WBSEDCL. Therefore, all the work except **specific exclusion as mentioned on Clause No 5** are included under this contract. However, brief description of work as and when required under this contract is detailed as below:
 - a. Dismantling & assembling, erection, commissioning, replacement, rectification of equipment (as per Equipment List) including replacement of end seal, oil seal, rubber seal, gaskets, gauges, meters, valves, panels, sensors, bolts etc. of any equipment.
 - b. Erection, tit-bit modification, rectification, cleaning, drying, brazing, polishing and replacement of any sorts of water pipe line and oil pipeline.
 - c. Alignment, commissioning, installation, fabrication of base frame of pump-motor sets.
 - d. Dismantling, replacement, testing, checking of all gauges, meters, valves, panels, sensors, bolts, all kind of indicating/measuring instruments, etc. list shall be provided by WBSEDCL. Routine cleaning, dusting of panel, motor electrical as well as mechanical items.
 - e. Replacement, refilling, cleaning, testing, checking of oil lubricants, grease, Silica Gel, gland packing, gaskets, cadmium compounds, transformer oil, distilled water, SF6 gas etc.
 - f. Operation of pumps, cranes, gates.
 - g. High pressure welding, as and when required.
 - h. Filtration of bearing oil/lubricants. Reconditioning silica gel by heating.
 - i. Welding, brazing, gas-cutting, metal cutting, drilling, grinding, lathe machine operation, polishing, blue matching, heating, blanking/de-blanking of Draft Tube gate/MIV etc. of any equipment's or its parts (such blanking or de-blanking is to be completed within 120 hours of written intimation).
 - j. Replacement of Switch yard equipment including conductor upto Gantry (Receiving point of WBSETCL) except items mentioned in Specific Exclusion.
 - k. Preventive, predictive, breakdown, Periodical, Annual, Daily, and Inspection & Round-the-clock Maintenance of equipment's and accessories under Stage-I, stage-II and Bindu barrage.
 - l. Preventive, predictive, breakdown, Periodical, Annual, Daily, and Inspection & Round-the-clock Maintenance of Gates and other accessories associated with Bindu barrage, transfer structure, DT gate of Stage-I and forebay of Stage-II of JHP.

- m. If any fault/troubles occurred in hydraulic, electrical, mechanical, hydro-mechanical, electro-mechanical system under Jaldhaka Hydel Project sites shall also be looked into/taken care by the agency.
- n. Dismantling, assembling, erection, commissioning, maintenance of Pilot Exciter, PMG and other excitation system.
- o. Periodic cleaning, maintenance, roofing arrangement, of Air conditioner of JHP
- p. Periodical cleaning of all panels, machinery parts etc.
- q. Cleaning of all pipelines (including Drainage and Dewatering pit pipelines)
- r. Rectification of faults/troubles found during inspection of the equipment's or reported by JHP (WBSEDCL) representative are to be carried/rectified as a part of the Maintenance work. This contract covers Routine and Periodical maintenance as per convention of Hydroelectric Power Stations. This also includes replacement/repair of components and parts of the equipment excluding those enlisted in the List of specific Exclusions. This also includes filtration of Turbine oil. Spares for replacement will be provided by the department.
- s. The detail of maintenance/inspection work furnished in the Tender Document is not exhaustive but may vary as per site requirement.
- t. Specialist Technicians/Engineers shall have to be engaged by the agency for restoration of any critical breakdown without any additional claim. The available manpower shall be utilized for all sorts of material handling arrangement such as shifting the equipment, materials, spares etc. related to the maintenance work/third party from the WBSEDCL store to the work sites are to be made by the agency.
- u. Any other job of emergency nature and instructed verbally by the Controlling Officer or his representative and not specifically excluded are also to be carried out by the agency immediately as a part of normal maintenance job without any extra claim.
- v. Setting, adjustment in preset electrical as well as mechanical operating parameter.
- w. **BINDU BARRAGE Five (5) number Barrage spillway gates of size 9.14M x 9.14M . and one (1) no. Tunnel Intake gates of size 4.25M x 3M approx.**

1. Greasing and adjustment of 80 nos. of main Rollers and 40 nos. of guide rollers of 5 number of Barrage spillway Gates and 12 nos. of main rollers & 8 nos. of guide rollers of Tunnel Intake Gate as and when required but at least once a month. Replacement of damaged/missing main & guide rollers as and when required/advised by Site / Controlling Officer.
2. Greasing of pins of all pulleys of the hoisting system of all the Barrage spillway gate & tunnel intake gate once in a month and as and when required/advised by Site / Controlling Officer.
3. Application of cardium compound or its equivalent on the ropes of all the above six nos. gates as and when necessary. Adjustment of ropes as and when required.

4. Replacement/adjustment of wire ropes, pulley & shaft of all the six nos. gates as and when necessary.
5. Replacement of damaged side & bottom rubber seals of all the 6 (six) gates as and when required.
6. Maintenance of 6(six) worm reducers & gear boxes which will include checking, topping up and changing of lubricating oil, if necessary.
7. Routine assessment (visual) of Gear box and Plummer block and submission of report.
8. Brake system of hoisting arrangement: To be adjusted as and when necessary and brake lining and brake fluid are to be changed if necessary.
9. Greasing of all bearings of the hoisting system of all the six no's gates.
10. Coupling nuts and bolts: - To check daily and replacement to be made as and when required.
11. Placing of jute bags (three times per year) below and along the vertical sides of five (05) nos. of spillway gates to prevent water leakage during the winter season, complete as per the instructions of the Engineer-in-Charge.
12. Immediate intimation/communication of any flood events at the Barrage (mentioning number of Gate opening and height of water over spillway crest) to be provided to the Barrage authority/ State Disaster Management Unit for safety preparedness of downstream population/establishments.

13. Stop log Gate Consisting of four parts:

- a. Greasing, adjustment and replacement of 10 number of main Roller as and when required.
- b. Greasing of pins of all pulleys of hoisting system of stop log gate.
- c. Application of cardium compound or its equivalent on the ropes of hoisting arrangement of stop log gate.
- d. Replacement of damaged top, side & bottom rubber seals of all the gates as and when required.
- e. Replacement/adjustment of wire ropes of stop log gate.
- f. Brake system of hoisting arrangement: To be adjusted as and when necessary and brake lining are to be changed if found necessary.
- g. Greasing of all bearings of the hoisting system of stop log gate is to be done as and when necessary.
- h. Maintenance of guide path of trailing cable.

- i. 1 no. of worm reducer: - Maintenance, checking, topping up and change of lubricating oil, if necessary.
- j. 5 number of Gear coupling: - Maintenance as and when required.
- k. Placing of jute bags (three times per year) below and along the vertical sides of stop-log gates to prevent water leakage during the winter season, complete as per the instructions of the Engineer-in-Charge.

14. Jaldhaka Intake Emergency Gates & Trash Rack.

- a. Greasing of guide path of 4 numbers of Emergency gates.
- b. Greasing of pins of all pulleys of hoisting system of Emergency gates & Trash rack.
- c. Application of cardium compound of its equipment on ropes of hoisting arrangement of Emergency Gates.
- d. Replacement/adjustment of wire ropes of Emergency Gate & Trash Rack.
- e. Brake system of hoisting arrangement: - To be adjusted as and when necessary and brake lining are to be changed if necessary.
- f. Greasing of all bearing of the hoisting system of Emergency Gates & Trash rack.
- g. Routine maintenance Guide path of trailing cable.
- h. Coupling nuts and bolts: - To check daily and replacement to be made as and when required.
- i. Routine strengthening (by welding/ anchoring) of the weakened part of the intake trash rack and guide channel structure.

15. Bindu Intake gates (Operation & maintenance).

- a) Two (2) nos. intake gates of size 3m x 3m approx.).
 - I. Greasing, adjustment and replacement of 2 nos. of guide rollers of intake gate no. 2 and (1) nos. of guide roller of intake gates no. 1.
 - II. Replacement/adjustment of chain and chain Pulley block of the two nos. gates as and when necessary.
- b) Four nos. of silt excluder valve (Operation & Maintenance).
 - I. Maintenance as and when required.
 - II. Greasing of all spindles of the excluder valve.
- c) Main intake silt excluder valve (operation & maintenance).
 - I. Replacement/adjustment of gasket silt excluder valve as not when required.
- d) Pressure desilting chamber (Operation & Maintenance).
 - I. Greasing and adjustment of 6 nos. of desilting chamber valve.
 - II. Greasing, Replacement/adjustment of bearings, bushes, gasket and manhole cover gasket (two nos.) as and when necessary.
- e) Bindu Khola Desilting Basin Valve (Operation & Maintenance)
 - I. Greasing and adjustment of 3 nos. of desilting basin gate valve.
 - II. Greasing, Replacement/adjustment of bearings, bushes, gasket as and when necessary.

- f) Additional Round the clock mechanical maintenance work at Bindu Barrage and associated structure (emergency intake gates. Tunnel intake gate. Spillway Gates).
- I. Coupling nuts and bolts: - To check daily and replacement to be made as and when required.
 - II. Daily checking of manual handles of all spillway gates, main operating Electrical switches and starter of all Barrage and tunnel intake gate, rectification / replacement to be made if required.
 - III. To check the alignment of Barrage gates, intake gates, chain pulley, wire rope etc. and rectification to be made as and when required.
 - IV. Any other work, connected to the Bindu Barrage to maintain steady generation including welding etc. is to be made immediately, if required.

16. Operation of all Hydraulic Structure at Bindu Barrage.

- a) Round the clock operational works at Bindu Barrage and Associated structures which will include:
1. Opening and closing of
 - a) 4 (four) nos. of Emergency intake gates.
 - b) 1(one) no. Tunnel intake gate.
 - c) 5 nos. of spillway gates.
 - d) 6(six) nos. of Pressurized De-silting chamber flushing valves.
 - e) 2(two) nos. of main intake silt excluder valves.
 - f) 3(three) nos. Bindu Khola De-silting basin gate valves.
 - g) 2(two) nos. Bindu Khola channel flushing valves.As and when required.
 2. Operation D. G. Set, air compressor, etc.
 3. To keep hour-to-hour records of water level at upstream of Barrage gate, loads of Stage-I P/H and all details regarding opening and closing time of all gates etc.
 4. To keep and submit the day-to-day reports and records of operation and maintenance jobs attended by the agency.
 5. Supervise and assist all maintenance work and any other work connected to above equipment required during any emergency and annual shut down work of JHP which will include opening and closing of Stop log gates as and when required.

17. Trash rack:

1. Regular cleaning of:
 - a) Bindu Khola Intake gate no.-I vertical trash rack.
 - b) Bindu Khola Intake gate no.-I horizontal trash racks of Drop type weir.
 - c) 2(two) nos. of vertical trash rack of Bindu Khola open Channel.
 - d) 4(four) nos. of Trash racks(vertical) of Emergency Intake gate
2. Tit-bit welding and maintenance work as and when required.

3. Operation & maintenance of Stop Log gate is not a daily feature and arrangement for operation & maintenance of the same will have to be done by you as and when required.

2. **SUPERVISION:** The supervision of the work will be done by the officers of WBSEDCL. The Site-in-charge of the agency should have minimum qualification of Diploma in Engineering and should possess sufficient experience in Operation & maintenance work of Hydel Power Stations in T-G equipment and auxiliaries and 66 KV Sub-Station equipment including their control and protection schemes. Apart from the Site-in-Charge, the agency shall authorize a person from its organization to keep regular contact with the Site Engineers & agency's Site-in-Charge for quick remedy of problems at Site. This authorized representative or the proprietor of the agency shall have to visit the Sites regularly to ensure the smooth execution of the contract.

3. **MANPOWER:**

- a. The agency shall provide personnel as per following list to fulfill their obligation for execution of the maintenance of plants and equipment under JHP as detailed in the job involvement **clause 1 of scope of work, technical specifications & equipment details** and as per schedule provided by supervising officer. Manpower must be maintained / assured at JHP as detailed below:

Sl. No.	Category	Numbers
A	Site-in-Charge	1 (One)
B	Supervisor (highly skilled)	3 (Three)
C	Tech. Highly skilled	8 (Eight)
D	Tech- skilled	5 (Five)
E	Tech. semi-skilled	17 (Seventeen)
F	Helper unskilled	20 (Twenty)
	Total (personnel)	54 (Fifty Four)

The category wise manpower as mentioned above will be deployed/diverted at Stage-I, Stage-II and Bindu Barrage as per site requirement or by the Engineer-in-Charge/Controlling Officer/Supervising Officer.

- b. Skilled Personnel assigned for this Job should have previous experience in the installation/maintenance of similar equipment, should be fully familiar with the connection details and should have knowledge of mechanical / electrical drawings.
- c. There must be at least one skilled technician each with sufficient knowledge and experience (along with requisite licenses) of – **I) Welding, II) EOT Crane and Gantry Crane operation.**
- d. There must be at least one skilled electrical technician with valid license for minimum voltage level 66 KV. For day to day Maintenance of 66 KV Line and Substations equipments.**
- e. Electrical & Mechanical Technicians, having knowledge and experience in maintenance of different types of Gates & Cranes , shall be part of set up of technical manpower to be maintained by the agency.
- f. Necessary documentary evidence i.r.o qualification and experience of technical personnel are to be produced before taking over the site.
- g. Qualification & Experience of manpower to be deployed:

Sl.	Category	Minimum qualification(s)
01	Site-in-Charge	Minimum Diploma in Electrical/Electronics/Mechanical having minimum 03 years relevant work Experience.
02	Supervisor (Highly Skilled)	Licensee of 66 kV or above Or Diploma /ITI having minimum 03 years relevant work Experience. Or Madhyamik passed having minimum 10 years relevant work Experience.
03	Tech. (Elect.) Highly skilled	Licensee of 66 kV or above Or Diploma/ITI or its equivalent having minimum 03 years relevant work Experience. Or Madhyamik passed or equivalent having minimum 10 years relevant work Experience.

04	Tech. (Mech.) Highly skilled	ITI having 03 years relevant work Experience Or Madhyamik passed having 05years relevant work Experience. Or Eight passed having 10 years relevant work Experience. Or License for EOT/welding e.t.c
05	Tech. (Elect.) Skilled	LT Licensee Or ITI having minimum 01(one) years relevant work Experience. Or Madhyamik passed having minimum 05 years relevant work Experience. Or Eight passed having minimum 08 years relevant work Experience.
06	Tech (Mech.) Skilled	ITI having minimum 01(one) years relevant work Experience. Or Madhyamik passed having minimum 5 years relevant work Experience. Or Eight passed having minimum 08 years relevant work Experience.
07	Semi-Skilled	05 years work experience.
08	Unskilled	01 years work experience.
NB: Minimum one personnel shall mandatory have 66 KV License		

4. Working hours:

- Normal working hours will be from 9:00 AM to 6:00 PM with 01 (one) hour recess (13:00 hrs. to 14:00 hrs). The service of the agency may be required beyond normal working hours in case of urgent maintenance work for continuance of generation / transmission. No additional payment will be made for such urgent maintenance work.
- Duty of personnel in shift duty at bindu Barrage and stage-II will be guided by as per site requirement.
- Weekly off day shall be allowed to above personnel on rotational basis to be decided by the Controlling Officer. Absence of the agency's personnel other than weekly off days shall be sole liability of the agency. Suitable substitute has to be arranged by the contractor during the leave period without any extra cost otherwise deduction shall be made on pro-rata basis

- List of Specific Exclusions from Maintenance Schedule :** Following jobs will be excluded from the scope of work of this contract.

A. 66 KV Switchyard (Outside Power House):

- Repair and replacement of damaged Power/Distribution/Earthing Transformers.

- ii) Overhauling of 66 KV SF6 Circuit Breakers.
- iii) Mat earthing.
- iv) Filtration of transformer oil.
- v) Painting of switchyard structure except CT/PT/CVT.

B. Inside Power House & others:

- i) Dismantling, assembling, repairing, commissioning of TG shaft, Stator, Rotor.
- ii) Repairing of electronic cards particularly cards for AVR and Governor Panel and other sophisticated equipment.
- iii) Repairing of all sorts of relay coil and its Testing.
- iv) Overhauling of Station Service Transformers and Excitation Transformers.
- v) Overhauling of DG sets/Alternators/Crane and Governor Adjustment.
- vi) Repairing/replacement of Generators' Poles, rotor and stator coil, lead wire insulation of slip ring, looseness of binding string.
- vii) Repairing /replacement of G.V. SERVO MOTOR.
- viii) Overhauling of Gates involving total dismantling of the system.
- ix) Painting of water/oil conducting system.
- x) Major Renovation/modification work pertaining to water and oil pipelines.

_____ End of SOW _____

EQUIPMENT DETAILS

STAGE-I POWER HOUSE

Turbine: (4 Nos.)

Vertical Francis Type, Rotation: 600 RPM; Head: 155 M

Generator :(4 NO.)

3 phase alternator, 11 KV, 9MW, Excitation Type: Static

Rotation : 600 RPM

11KV VCB (13nos),11 KV Bus PT(03 nos)

Rated Voltage: 12 KV Current: 1250 Amp

11/.4 KV Transformer(2 NO.) Dry Type

KVA : 500

Phases : 3

11/.4 KV Transformer (2 NOS.) Dry Type

KVA : 300

Phases : 3

16MVA 66/11 KV Bank Transformer (6 NO.)

66 KV Isolator (12 nos.)

Rating: 800 A

Mechanism: Manual and Motor

66 KV PT (06 nos.):

Ratio: 66/ $\sqrt{3}$ / 110/ $\sqrt{3}$

Class: 1 3P

66 KV CT (12 nos.):

Ratio: 500-250-1-1-1 A

Class: 0.5 5P PS

Battery Charger:

415 V,375 AH

Station Battery (55 nos.):

2 Volt, 375 AH

66 KV Bkr. (5 nos.):

SF6 outdoor Type

800 A

LT Panel:

415 V

DC DB:

110V

Control & Relay Panel:

66 KV& 11 KV

DG SET: (3 no.)

415 V, 315 KVA

5.0 MVA Local Transformer:

Ratio: 66/ 11 KV

3 Phase.

MOTOR

Sl. No.	Description	Make	Power	Voltage	Nos.
1	Cooling Water Pump	Crompton Greaves	120 H.P.	415	4
2	Drain Pump	Crompton Greaves	5 H.P.	415	2
3	Compressor	ABB Ltd.	3 H.P.	415	2
4	Main Fire Pump	Crompton Greaves	75 H.P.	415	2
5	Jockey Pump	Crompton Greaves	10 H.P.	415	2
6	Vapour Exhauster		1 H.P.	415	3
7	Brake Jack Oil Pump	Crompton Greaves	3 H.P.	415	1
8	Generator Lub. Oil Pump	ABB Ltd.	10 H.P.	415	6
9	High Pr. Oil Pump	Crompton Greaves	10 H.P.	415	3
10	OPU Main Pump	ABB Ltd.	30 H.P.	415	3

PUMP

Sl. No.	Description	Make	Head	Discharge	Nos.
1	Cooling Water Pump	Kirloskar	61 mt.	255CMH	4
2	Drain Pump	Johnson	-	-	2
4	Main Fire Pump	Mather & Platt Pumps Ltd.	70 mt.	171 CMH	2
5	Jockey Pump	Mather & Platt Pumps Ltd.	70 mt.	10.8 CMH	1
8	Generator Lub. Oil Pump	UT Pumps & Systems Pvt. Ltd.	-	366 lpm	6

Filter

Sl. No.	Description	Make	Max. Pr.	Test Pr.	Mesh
1	Cooling Water Filter	Superflow Filters Pvt. Ltd.	7 kg/cm ²	10.5 kg/cm ²	400 Mic.
2	CW Filter Of Shaft Seal Control Panel	KwikFlow	15 kg/cm ²	22.5 kg/cm ³	25 Mic.
3	Gen. Lub. Oil Filter	Bhagwati Filters Pvt.Ltd.	16 Bar	-	-
4	Gov. OPU Oil Filter	InterNormen	420 Bar	-	-

		Filters Pvt. Ltd.			
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Compressor

Sl. No.	Make	Model No.	Max. Pr.	Disp.	Nos.
1	ELGI Equipments Ltd.	TSO3120	12 kgf/cm ²	302.7 lpm	2

Air Reciever

Sl. No.	Make	Model No.	Work Pr.	Capacity	Nos.
1	Energy Progress Inc.	VAR - 01 - M	12 kg/cm ²	1 mt ³	1
		VAR - 0.5 - M	"	0.5 mt ³	3

Cooler

Sl. No.	Description	Make	Model No.	Max. Pr.	Nos.
1	Gen. Lub. Oil Cooler	Tranter India Pvt. Ltd.	GX-12	6 kg/cm ²	3
2	Gov. OPU Oil Cooler	ESKAY Heat Transfers Pvt. Ltd.	40105027	7 kg/cm ² (Shell Side)	3

Air conditioner: Split type: 10 nos

SCADA system: One (1) Lot

STAGE-II POWER HOUSE

Turbine: (2 Nos)

Horizontal Francis Type, Rotation 600 RPM, Head 65 M

Generator (2 Nos)

Make : ELIN, Type: SV165/10 -103, 3 phase alternator

Voltage : 11 KV Current: 247 Amp

Output Power: 4700 KVA

Rotation : 600 RPM

Excitation : 88 Volt

Insulation class: F (after refurbishment)

Excitation System: 2 LOT

LAVT & NGR: 2 LOT

11KV Switchgear

VCB (4 Nos.) For Generation and Station Power.

Make : BIECCO LAWRIE LTD.

Rated Voltage: 12 KV Current: 800 Amp

Insulation level: 12/28 KV & 28/75 KV

VCB (7 No.) For Local supply including 1 spare VCB.

Make: Pascal Switchcare India Pvt. Ltd.

Rated Voltage: 12 KV Current: 800 Amp

Insulation level: 12/28/75 KV

Battery Bank with Charger (4 Nos.)

Make: Exide Industries Ltd. & Chloride Power Systems & Solutions Limited

Voltage: 110 V DC (1 Set), 48 V DC (2 Set), 30 V DC (1 Set)

11/.4 KV Transformer (2 NO.)

Make : EASTERN TRFO AND EQUIPMENT (P) LTD & MARSONS ELECTRICALS LTD.

KVA : 500

Type of cooling: ON

3.2 x 4 MVA 11/66 KV Single Phase Bank Transformer (4 NO.)

Make : Hindustan Brown Bovary Ltd.

KVA : 3200

Type : TX3200/66

Cooling : ON

3 MVA, 66/11 KV Transformer (1 NO.)

Make : ELECTRIC CONSTRUCTION AND EQUIPMENT CO.LTD.
Cooling : ON
Phase : 3

5 MVA, 66/11 KV Transformer (1 NO.)

Make : Bharat Bijlee
Cooling : ON
Phase : 3

66 K.V. C.T.

- i) 15 nos CT ratio 500-250/1-1-1 , Class: 0.5 5P PS
- ii) 3 nos 200-100/1-1-1.
- iii) 3 nos CT ratio 100-50/1

66 K.V. N.C.T. : (1 Nos.) Ratio-200-100/1-1, Freq-50 HZ

66 K.V. Main Bus P.T : (3 Nos.), Ratio 66 KV/110 V., Class 10/3

66 KV LA: 21 nos

66KV SF6 Circuit Breaker: (7 Nos.) Make- ABB

66 KV Isolator : 28 Set

11 KV Isolator: 9 Set

Other Switchyard Equipment: 1 LOT (including CVT, WT, Insulator, Bus Bar etc.)

DG Set: 320 KVA, 415 V, Kirloskar Make (Including Alternator, Engine and AMF Panel)

Intercom & Paging System**Air Conditioner**

Windows type - 1 no

Split Type - 5 nos

Digital Governor

2 nos- U#1 & U#2 Digital Governor (including OPU Unit).

Lube Oil System: 02 Lot (Including gear pump motor set, Oil cooler, pipelines, Flow meter etc.)

Cooling Water System: 2 Lot (Including CW Strainer, valves, Flow meters, pipelines etc.)

Panels: ACDB, DCDB & all Auxiliary and Control Panels.

SCADA system: One (1) Lot

EOT Crane:

Capacity: 25 Ton (Main) / 5 Ton (Auxiliary)

Rope Dia.: 18 mm (Main) / 12 mm (Auxiliary)

No of falls: 8 (Main) / 4 (Auxiliary)

Make: M/s Khandelwal Udyog Ltd.

MOTOR:

Sl. No.	Description	Make	Power	Voltage	RPM	Qty
1	Vertical Drainage Pump	Kirloskar	75 K.W.	415	1480 rpm	1
2	Horizontal Drainage Pump	Do	18.5 K.W.	415	1460 rpm	1
3	Vertical Drainage Pump	Jyoti Ltd.	15 K.W.	415	1465 rpm	2
4	Horizontal Drainage Pump	Kirloskar	15 K.W.	415	1450 rpm	2
5	Horizontal Drainage Pump	Kirloskar	3.7 K.W.	415	1420 rpm	1
6	Compressor Motor	ELGI	3.7 K.W.	415	1420 rpm	1
7	Compressor Motor	ELGI	5.5 KW	415	1440 rpm	1
8	Canteen Pump Motor	Kirloskar	3.7 K.W.	415	1440 rpm	1
9	DG Cooling Water Motor	Kirloskar	1.5 K.W.	415		1

PUMP

Sl. No.	Description	Make	Head	Discharge	RPM	Qty
1	Vertical Drainage Pump (100 HP)	-	-	-	-	1
2	Horizontal Drainage Pump (25 HP)	Kirloskar	10 m	120 l/s	1450 rpm	1
3	Vertical Drainage Pump (20 HP)	-	-	-	-	2
4	Horizontal Drainage Pump (20 HP)	Kirloskar	7 m	120 l/s	1450 rpm	2
5	Submersible Drainage Pump (5 HP)	Grundfos	18.7 m	23.5 l/s	2850 rpm	1
6	Submersible Drainage Pump (5 HP)	Wilo	20.5 m	0.6 m ³ /min	2850 rpm	1
7	Submersible DE-watering Pump (5 HP)	Kirloskar	11.50-21 m	17.50-4.50 l/s	2900 rpm	2
8	Submersible DE-watering Pump (10 HP)	Wilo	-	-	-	2
9	Horizontal Drainage Pump (5 HP)	Kirloskar	8-19.5 m	20-5.6 l/s	1500 rpm	1
10	Canteen Pump (3 HP)	Kirloskar	16.5 m	6.2 lps	2840 rpm	1

Compressor:

Sl. No.	Make	Model No.	FAB No	Max. Pr.	Disp.	Qty.
1	ELGI Equipments Ltd.	THPC300	56714	30 kg/cm ²	310 lpm	2
2	ELGI Equipments Ltd.	HP87300	CLFT510056	30 kg/cm ²	502 lpm	1

Diesel Engine Pump motor

Sl. No.	Description	Make	Model No.	Power	RPM	Qty
1	Drainage Pump	Kirloskar	TV2	11.4 K.W.	1500 rpm	2

Filter

Sl. No.	Description	Make	Motor Specification	Pump Discharge	Current
1	ELC-50 C	Ferrocare Machines Pvt. Ltd.	3 ph, 370 W	10-12 LPM	6/15 Amps
2	LVDH 50	Ferrocare Machines Pvt. Ltd.	3 ph, 370 W	10 LPM	16 Amps

Air Reciever

Sl. No.	Make	Size	Work Pr.	ID Mark	Nos.
1	Caloritwerk Leish	Dia-400 mm x Height-1380 mm	30 Bar	AR-1	1

Cooler

Sl. No.	Description	Make	Capacity	Max. Pr.	Nos.
1	Gen. Air Cooler	Maschinenfabrik Wien XVI, Austria	3633 Kcal/hr	6 kg/cm ²	8
2	Bearing Oil Cooler	-	-		2

BINDU BARRAGE

- (5) nos. Barrage spillway gates of size 9.14M x 9.14M and one (1) no. Tunnel Intake gate of size 4.25M x 3M approx.
- Stop log Gate consisting of four parts.
- Jaldhaka Intake Emergency Gates & Trash Rack.
- Bindu Intake Gates
- DG-Set(2 nos):-

Make: Jakson Ltd

KVA:82.5 Freq: 50 Hz P.F. 0.8

Volts: 415 Rating: Cont

AMPS: 115 Insulation Class-H

RPM: 1500

PHASE-3

Make: DelmotEngine Freq: 50 Hz

KVA: 75 P.F. 0.8

Volts: 415/840 Rating: Cont

AMPS: 105 Insulation Class-B

RPM: 1500 PHASE-3

- Motors:

Main intake Gate:(1no.)

Make: British India const. Co. Ltd

HP: 4.7

RPM: 945

Cycle: 30

Type: B225

Volt: 400-415

Spillway Gate: (5 no.) Stop Log gate:(1no.)

Make: Bharat Bijlee Ltd.

Make: Alstom

Make: British India const. Co. Ltd HP: 12

HP: 7.5 AMP: 19

AMP: 11.6 RPM: 968

RPM: 720 Hz: 50

Cycle: 50 Volt: 415

Type: B324

Volt: 400-415

Note: Any other equipment added, replaced and commissioned during pendency of contract for smooth generation under JHP will be considered in the Scope of Work.

Forms/Statements and Annexure

Form-I - CERTIFICATE REGARDING SUMMARY STATEMENT OF YEARLY TURNOVER

This is to certify that the following statement is the summary of the audited Balance Sheet arrived in favour of
.....For the 03 (three) consecutive years as mentioned below.

Sl. No.	Financial		Remarks
	Financial Year	Turnover Rounded Upto Two Digit After Decimal	
1.			
2.			
3.			
Total			

Average Turnover (In Rupees):

.....

SIGNATURE OF THE TENDERER WITH OFFICE SEAL

Form-II - EVIDENCE OF ACCESS TO OR AVAILABILITY OF CREDIT FACILITIES

(To be given by banker of bidder) BANK CERTIFICATE

This is to certify that M/s (Full Name and Address) Who are submitting their Bid to against their tender specification vide Ref. No. and date is our customer for the past years.

Their financial transactions with our bank have been satisfactory. They enjoy the following fund based and non-fund-based limits including guarantees, L/C and other credit facilities with us against which the extent of utilization as on date is also indicated below:

Sl.No.	Type of Facility	Sanctioned limit as on date	Utilization as on date.....

This letter is issued at the request of M/s.....

Sd/-

Name of Bank

Name of authorized Signatory.....

Designation.....

Phone No.....

Address.....

SEAL OF THE BANK

Form– III - STATEMENT OF SIMILAR TYPE OF WORKS EXECUTED DURING LAST 07 (SEVEN) YEARS.

Whether Completion/ Payment Certificate(s) submitted (Y/N)				
Date of commencement, scheduled completion & actual completion				
Executed value (Rs.)				
Financial year				
Name of Owner/ order issuing authority				
Order No. and date(s)				
Nature of the project to which the work is related				
Name of the work executed				
Sl. No.				

Remarks, if any:

.....

SIGNATURE OF THE TENDERER WITH OFFICE SEAL

(On Rs.100.00 Non-Judicial Notarized Stamp)

PROFORMA FOR UNDERTAKING TO BE SUBMITTED BY THE BIDDER

(For genuineness of the information furnished on-line and authenticity of the Documents produced before Tender Committee for verification in support of his eligibility)

I, _____, Partner/Legal Attorney/Accredited representative of M/S _____, solemnly declare that:

1. We are submitting Tender for the Work against Tender Notice No _____ dt.
2. None of the Partners of our firm is relative of employee of ----- WBSEDCL
3. All information furnished by us in respect of fulfillment of eligibility criteria and qualification in formation of this tender is complete, correct and true.
4. All documents/credentials submitted along with this Tender are genuine, authentic, true and valid.
5. If any information and document submitted is found to be false/incorrect any time, department may cancel my Tender and action as deemed fit may be taken against us, including termination of the contract, forfeiture of all dues including Earnest Money and banning/delisting of our firm and all partners of the firm etc.

Signature of the Bidder Dated _____

Format of Letter of Bid

LETTER HEAD OF BIDDER (AS ENROLLED ONLINE ON e-tendering PORTAL OF NIC)

To

The Tender Committee

Sub: Letter of Bid for the work

.....

.....

.....

.....

Ref: 1. NIT No.____dated____

2. Tender Id No.-

Dear Sir,

We offer to execute the work as per our offered bill of quantity in accordance with the conditions of the NIT document as available in the website. The details of the EMD being submitted by us has been furnished on-line.

This Bid and your subsequent Letter of Acceptance/Work Order shall constitute a binding contract between us.

We hereby confirm our acceptance of all the terms and conditions of the NIT document unconditionally.

Signature of the Bidder

(LETTER HEAD OF BIDDER)

Dated:___

DECLARATION BY THE BIDDER

I/We have inspected the site of work and have made myself/ourselves fully acquainted with local conditions in and around the site of work. I /We have carefully gone through the Notice Inviting Tender and other tender documents mentioned therein. I/We have also carefully gone through the 'Bill of Quantities'.

My/Our tender is offered taking due consideration of all factors regarding the local site conditions stated in this Detailed Notice Inviting Tender to complete the proposed construction in all respects.

I/We promise to abide by all the stipulations of the contract documents and carry out and complete the work to the satisfaction of the department.

I/We also agree to procure tools and plants, at my/our cost required for the work.

Signature of Bidder

Postal address of the Bidder

Annexure-V

(On the Bidder's Letterhead)

Declaration of not being blacklisted/Debarred/Put on Holiday list

Certified that our Company, M/sis not blacklisted/ debarred/ suspended or put on holiday list by any Statutory/Regulatory/ Government Authorities / State Electricity Utility/ PSU in India.

It is certified that the information furnished above is true to the best of my knowledge and belief.

Bidders Name:

Signature of the Tenderer:

Designation:

Seal of the Company

Date:

Annexure-VI

(On the Bidder's Letterhead)

**Self-declaration by Proprietor of the Bidding Company for not being blacklisted/Debarred/Put On
Holiday list**

I hereby confirm and declare that, none of the other concerns of which I am a Proprietor /Managing Partner are blacklisted/ debarred/ suspended or put on holiday list by any Statutory/ Regulatory/Government Authorities/State Electricity Utility/PSU in India.

It is certified that the information furnished above is true to the best of my knowledge and belief.

Signature of the Proprietor:

Name

Designation:

Seal of the Company:

Date:

Annexure-VII

(On the Bidder's Letterhead)

Declaration regarding no litigation against WBSEDCL

We hereby declare that, no legal litigation/arbitration is pending/ongoing against WBSEDCL in any court/Forum against/by the bidder or its sister concern/Director/Partner/Proprietor.

If it is found at any stage of tendering, our offer will be rejected and I/We don't have any objection on the same.

Bidder's Name:

Signature of the Tenderer :

Designation:

Seal of the Company

Date:

Pro-forma for Contract Agreement

(To be executed on Non-Judicial Stamp Paper of Rs. 100/-)

Articles of agreement made on this -----day of ----- in the year -----

-

-----between West Bengal State Electricity Distribution Company Limited(WBSEDCL),A statutory Body constituted by the Govt. of West Bengal having its head office at "Vidyut Bhaban" , Block-DJ, Sector-II, Salt Lake City, Kolkata-700091 hereinafter referred as the 'Company' (which expression shall unless excluded by or repugnant to the context be deemed to include its successors and assigns) of the ONE PART.

AND

hereinafter referred to as the 'CONTRACTOR' (Which expression shall unless excluded by or repugnant to the context be deemed to include his heirs, executors, administrators, representatives and assigns) of the OTHER PART.

WHEREAS the Company invited tenders vide Tender Notice No -----

-----.(Annexed here to) for“ -----
-----“
-----.

AND WHEREAS in pursuance of such invitation for tenders, the contractor submitted a tender vide no -----dated ----- , technical bid of which was opened on and the Price-bid was opened on..... (The tender offer is in custody of the Company at present)..

AND WHEREAS AFTER consideration of the tender submitted by the contractor with clarification(s), the Company accepted the said tender submitted by the contractor and placed Letter of Award no

NOW, THEREFORE, the Company and the contractor agree as follows:

1. The Contractor agrees to undertake the work of-----

.....“
as per Letter of Award no.....date
.....referred to above.

2. The Company agrees to pay the Contractor as per Letter of Award no-----
.....date.....referred to above.

3. Both the Contractor and the Company agree that for the purpose of jurisdiction in the
court in regard to any dispute arising out of this agreement, this agreement shall be
deemed to have been
executed within the jurisdiction of the original side of the High Court, Kolkata.

IN WITNESS WHEREOF the parties have hereunder affixed their signature on the day, the
month and year written as above.

SIGNED, SEALED AND DELIVERED

Contractor

1)-----
Witness

2)-----
Witness

Company

1)-----
Witness

2)-----
Witness

ANNEXURE-B

SPECIMEN COPY OF INDEMNITY BOND

(To be executed on Non-Judicial Stamp Paper of Rs. 100/-)

BY THE PRESENT INDEMNITY BOND EXECUTED by me / us on this Day of....., 20.....I/We having Registered Office/ residing at

.....(hereinafter called "OBLIGOR/OBLIGORS" which expression shall mean and includes my/our Successors legal representatives, assigns) do hereby binds myself / ourselves and also our Company/firm

.....
after having the power to bind so with the promise and undertaking in favour of the West Bengal

State Electricity Distribution Company Limited., a government Company within the meaning of

sec.617 of the Indian Company's act having registered office at BidyutBhavan, Block-DJ, Sector-II,

Salt Lake City, Kolkata-700091 (hereinafter called as OBLIGEE, which expression shall mean and

include it's legal representative, administrators assigns.

WHEREAS OBLIGOR/OBLIGORS has /have been awarded to execute the job/works under letter no.....Dated.....issued by the OBLIGEE after having observing necessary formalities the details of which is described in the schedule given here under as per letter mentioned herein-above and whereas the said job/works will be/likely to be done in places covered under Employees' State Insurance Act(ESI) and /or the Workmen Compensation Act(W.C. Act) and /or other laws relating to the Labour Management and Welfare.AND WHEREAS according to the condition of the contract the OBLIGOR/OBLIGORS is under obligation to execute this Indemnity Bond before the commencement of actual execution and OBLIGOR/OBLIGORS is/are aware that unless this Indemnity Bond is executed in accordance with the condition of contract before the actual execution in accordance with law the OBLIGEE shall have the power to deem that actual work has been started within the meaning of the contract before the execution of this Indemnity Bond

NOW THIS INDENTURE WITNESS THAT I / We the OBLIGOR/OBLIGORS do herebyundertake.

1. THAT the OBLIGEE shall not be held responsible for any type of accident which may take place

2. During the course of work undertaken by the OBLIGOR/OBLIGORS.
3. THAT the OBLIGOR/OBLIGORS will take adopt all safety norms in respect of each and every workmen labour personnel according to the rules or to the satisfaction of the OBLIGEE in all cases.
4. THAT the OBLIGOR/OBLIGORS undertakes to engage only those labour worker or any other personnel whether skilled or unskilled or any other person whether in technical management or non-managerial or any other capacity in the area covered under Employees' State Insurance Act, 1948 who has/have insurance coverage within the meaning of Employees State Insurance Act and further undertakes NOT to engage any person in the area covered under the Employees State Insurance Act, who does / do not has/have insurance coverage within the meaning of Employees State Insurance Act.
5. THAT the OBLIGOR/OBLIGORS further undertakes to engage only those labour worker, or any other personnel, whether skilled or unskilled, whether in technical, managerial or non- managerial or any other capacity in the area NOT covered under Employees' State Insurance Act who has life insurance for the sum assured equivalent to the amount of Compensation under the Employees' Compensation Act in case of accidental death or inquiry and such insurance has been effected by the OBLIGOR/OBLIGORS.
6. THAT the OBLIGOR/OBLIGORS undertakes / undertake to indemnify and keep harmless the OBLIGEE from all claims action proceedings and of risk damage danger to any person whether belonging to/or not belonging to OBLIGOR/OBLIGORS.
7. THAT the OBLIGOR/OBLIGORS shall keep harmless the OBLIGEE from all claims compensation damages any proceedings in respect of any of its employee/workmen under the Workmen Compensation Act. Or any other laws for the time being in force.
8. THAT if during the course of execution of work as stated in the letter mentioned hereinabove issued by the OBLIGEE, it is found that the OBLIGOR/OBLIGORS has/have not complied with guidelines/formalities within the meaning of Employees' State Insurance Act or Workmen Compensation Act or any other laws relating to the Labour Welfare for the time being in force, and also has not observed the safety norms in accordance with the law to the satisfaction of the OBLIGEE, the OBLIGEE shall have the right to stop the execution of work/job and the period of such stoppage

shall continue till adequate safety and other compliance mentioned herein above under the labour welfare legislation have been observed and such period of stoppage shall not be taken into account for the calculation of the total period of completion of work for which the OBLIGOR/OBLIGORS is responsible to complete the work/job and it will be deemed that discontinuance was due to default of OBLIGOR/OBLIGATOR.

9. THAT , if at any time due to exigency, the OBLIGEE i.e. the West Bengal State Electricity Distribution Company Limited as the Principal Employer, becomes liable to pay any such compensation mentioned herein above, whether on failure of the OBLIGOR/OBLIGORS or for any other reason , the OBLIGEE shall have the right to recover the said amount from any amount receivable by OBLIGOR/OBLIGORS or any bank guarantee deposited or anything payable whether in connection with this contract or other contract by the OBLIGEE to the OBLIGOR/OBLIGORS
10. THAT the OBLIGOR/OBLIGORS is/are aware and accept that for the persistent or repeated violation of any condition mentioned in this Indemnity Bond, the OBLIGEE shall have right to terminate the contract of work issued by the OBLIGEE to OBLIGOR/OBLIGORS.

Signature WITNESS

1	Name, Designation	
	Signature	
2	Name, Designation	
	Signature	