



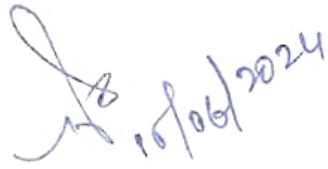
WBSedCL **TENDER NOTICE**

BID DOCUMENT
Cost of Bid Document: NIL

Selection of vendor for Comprehensive Annual Maintenance Contract (CAMC) of Critical & Non-Critical Non-IT Infrastructure for Central Data Center Rajarhat and Disaster Recovery Center, Berhampore, WBSedCL at DC-DRC of WBSedCL in (2+1) years mode.

Estimated Project Cost: INR 2.8 Crore (in words INR Two Crore Eighty Lakh Only) (excluding GST)

Tender Notice No: WBSedCL/ IT&C/33.10(i)/405 **dated 10.06.2024**


Chief Engineer
IT&C Cell, WBSedCL

Contents

Section	Description	Page No.
1	Disclaimer	3
2	About WBSedCL	4
3	Objective of this RFP	4
4	Section-I : Instruction to the bidders (IB)	5-16
4	Section- II : General Terms & Conditions (GTC)	17-22
5	Section: III: Scope of Work (SoW)	23-30
6	ANNEXURE-I: Bid Proposal	31-32
7	ANNEXURE-II: Mandatory Condition	33-34
8	ANNEXURE-IIA: Bid Details	35-36
9	ANNEXURE-IIB: Financial Details	37-38
10	ANNEXURE-IIC: Statement of Order Executed in Last 5 Financial Years	39
11	ANNEXURE-III: Manufacturer's Authorization Form (MAF) format	40
12	ANNEXURE-IV :Service Level Agreement (SLA)	41-42
13	ANNEXURE-V: Unpriced BOQ Format	43-45
14	ANNEXURE-VI: PROFORMA OF BANK GUARANTEE FOR BID GUARANTEE (Earnest Money)	46
15	ANNEXURE-VII: Proforma for Bank Guarantee for Contract Performance	47
16	ANNEXURE-VIII: Format of Bank Guarantee for Additional Performance Security Deposit	48
17	ANNEXURE-IX: Declarations	49-50
18	ANNEXURE-X: Agreement for Third Party Access Security Policy of WBSedCL	51
19	ANNEXURE-XI: NON-DISCLOSURE AGREEMENT (NDA)	52-54
20	ANNEXURE-XII: Annexure List Submission Status	55
21	ANNEXURE-XIII: Contract Agreement	56
22	ANNEXURE-XIV: Escalation Matrix	57
23	ANNEXURE-XV: Hardware Details	58-66

Disclaimer

This Tender Document (also referred to as "Request for Proposal" or "RFP") is not an agreement and is not an offer or invitation by WBSIEDCL to any Bidder other than the one that qualifies, based on evaluation of submitted bids. The purpose of this Tender Document is to provide information to the potential Bidders to assist them in responding to this Tender Document. Though this Tender Document is prepared with sufficient care to provide all required information to the potential Bidders, they may need more information than what has been provided herein. In such cases, the potential Bidder is solely responsible for seeking the information required from WBSIEDCL at its own cost. WBSIEDCL reserves the right to provide such additional information at its sole discretion. In order to respond to the Tender Document, if required, and with the prior permission of WBSIEDCL, the potential Bidder may conduct his/her own study and analysis as may be necessary.

WBSIEDCL makes no representation or warranty and shall incur no liability under any law, statute, rules or regulations on any claim the potential Bidder may make in case of failure to understand the requirement and respond to the Tender Document. WBSIEDCL may, in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information in this Tender Document.

About WBSEDCL

The Government of West Bengal unbundled the erstwhile West Bengal State Electricity Board (WBSEB) into two companies viz., West Bengal State Electricity Distribution Company Limited (WBSEDCL) and West Bengal State Electricity Transmission Company Limited (WBSETCL).

The main business of WBSEDCL is distribution and hydro generation of electricity. It is also the nodal Agency of the Government of West Bengal for undertaking Rural Electrification task in the State with objective of providing access of electricity to all rural households in the state in line with the National Rural Electrification Policy.

Over the years, WBSEDCL has been continually evolving to position itself as a leading Power Utility services organization of the Country. In the changing landscape, post recent global slowdown, it is anticipated that demand for electricity will change rapidly and expectations will also increase exponentially. WBSEDCL continually strives to enhance the quality of services delivered to its customers. WBSEDCL provides quality power to a gargantuan customer base of more than 2.18 crore across West Bengal through its service network spanning 5 Zones, 21 Regional Offices, 77 Distribution Divisions and 536 Customer Care Centers.

These are indeed exciting times for the Company, given its rapid progression from providing engineering solutions, to solving complex customer challenges, to providing innovative solutions. WBSEDCL has implemented Enterprise Resource Planning - SAP in Financial Accounting & Control, Material Management, HR with Payroll, Plant Maintenance and Project System.

After successful implementation of Purulia Pumped Storage Project in 10th Plan period with a capacity of 900 MW hydel power, the Company has taken up the ambitious plan of implementing Turga Pumped Storage Project in the 13th Plan period with installed capacity of 4 x 250 MW.

For solving complex customer challenges and for providing more efficient service to the consumers, a Project titled Integrated Power Development Scheme for strengthening of sub transmission and Distribution networks, metering of Distribution transformers etc. in the urban areas has been implemented. A program for system improvement under Sech-Bandhu Scheme has also been conceived for rural areas.

WBSEDCL is innovating and embarking upon an IT-enabled system across the organization to ensure greater engineering predictability and to position itself into the best utility in the country in terms of customer service, efficiency and financial viability.

Objective of the RFP

West Bengal State Electricity Distribution Company Limited, invites e-tenders for Selection of vendor for Comprehensive Annual Maintenance Contract (CAMC) of Critical & Non-Critical Non-IT Infrastructure for Central Data Center Rajarhat and Disaster Recovery Center, Berhampore, WBSEDCL at DC-DRC of WBSEDCL in (2+1) years mode. Detail "Scope of Work" and other terms and conditions furnished in the different clauses of the bid document. WBSEDCL will finance the entire work as stipulated under scope of work in the Bid documents.

Section: 1

Instruction to Bidders (IB)

IB.1. General:

West Bengal State Electricity Distribution Company Limited, hereinafter referred to as WBSEDCL and as the Purchaser, for better Data Centre and DRC Management, intends to hire the service of the AMC vendor to maintain the Centralized DC/DRC for Comprehensive Annual Maintenance Contract (CAMC) of Critical & Non-Critical Non-IT Infrastructure for Central Data Center Rajarhat and Disaster Recovery Center, Berhampore, WBSEDCL at DC-DRC of WBSEDCL in (2+1) years mode (mentioned in detail in the RFP) and also for enhancing customer convenient levels and overall inter-organization efficiency.

Bidders are advised to study this document carefully. Submission of RFP shall be deemed to have been done after careful study and examination of this document with full understanding of its implications. This RFP document is not transferable. This document must be read in its entirety. WBSEDCL will finance the entire work as stipulated under the scope of work in the Bid documents.

IB.1.1. 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.

IB.1.2. Registration of bidder: Any bidder willing to take part in the process of e - tendering will have to be enrolled & registered with e-Procurement system, by logging on to <https://wbtenders.gov.in>.

IB.1.3. Digital Signature certificate (DSC): Each bidder is required to obtain a class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders.

IB.1.4. The bidder can search and download Notice Inviting Tender (NIT) & other tender related documents electronically from website <https://wbtenders.gov.in> using DSC. This is only mode for collection of documents related to this NIT.

IB.2. Invitation for the Bids:

IB.2.1. Tenders are invited by **Chief Engineer, IT&C Cell, WBSEDCL, Vidyut Bhaban (3rd. Floor), Bidhannagar, Block-DJ, Sector-II, Kolkata-91** through electronic tendering (e-tendering) process for implementation of PAC replacement in WBSEDCL.

IB.2.2. Intending bidders desiring to participate in this tender shall log on to website <https://wbtenders.gov.in>. The tender can be searched by typing WBSEDCL in search engine provided in the website.

IB.2.3. Bidders willing to take part in the process of e-tendering shall obtain Digital Signature Certificate (DSC) in name of person who will sign the tender, from any authorized Certifying Authority (CA) under CCA, Govt of India (viz. nCode Solution, Safescrypt, e-Mudhra). DSC is given as a USB e-Token. After obtaining Class 2 or Class 3 DSC from approved certifying authority, intending bidders shall register the fact of possessing DSC through registration system available in the website.

IB.2.4. Bids shall be submitted online and intending bidders shall download tender documents from website stated above, directly with the help of the e-Token provided. This is only mode for collection of tender documents. Details of submission procedure are given in "**Submission of Tenders**".

IB.3. Eligible Bidders:

IB.3.1. This Invitation for bids, issued by WBSEDCL is open to all firms including company (ies), Government owned Enterprises registered and incorporated in India as per Companies Act, 1956, barring foreign companies and those bidders with whom business is banned by WBSEDCL.

IB.3.2. Bidder should not have been **blacklisted or involved in any forgery/data leak from any Government or reputed private organization across India in last three years and undertaking in this regard should be provided by the authorized signatory of the bidder.** During contract period if the undertaking submitted by bidder is found to be false then the order issued to bidder shall be terminated and BG will be forfeited.

Bidders must fulfill eligibility criteria as per Annexure-II i.e. Mandatory Condition

IB.3.3. .

IB.4. Responsibility of Bidders:

IB.4.1. It shall be sole responsibility of bidders to determine and satisfy themselves by such means as they consider necessary or desirable for all matters pertaining to this contract including, in particular, all factors that may affect cost, duration and execution of contract.

IB.4.2. It must be understood and agreed that all factors have properly been investigated and considered while submitting the bid. Any claim, whatsoever, including those for financial adjustments in the contract, once awarded under these documents will not be entertained by WBSEDCL. Neither any change in time schedule of the contract nor any financial adjustments, arising thereof, shall be permitted by WBSEDCL, which are based on the lack of such clear information of its effect.

IB.4.3. The bid must include all information as per bid document. **Submitted documents need to be specific as per requirements; irrelevant documents shall not be uploaded by bidder.**

IB.4.4. Bidder shall bear all kind of cost associated with preparation and submission of bid and WBSEDCL in no case shall be responsible or liable for these costs, regardless of the conduct or outcome of bidding/tendering process.

IB.4.5. One bidder can submit only one bid in response to this tender document. No bidder is allowed to submit two or more bids.

IB.4.6. Sub-contracting or outsourcing of this contract is strictly not allowed.

IB.4.7. In order to avoid any problem arising out of network error or server error, bidders are advised to submit the bid, well in advance of the last date and time of submission of the bid.

IB.5. Formation of cartel & penal Measures:

Any evidence of unfair trade practices, including overcharging, price fixing, cartelization etc. as defined in various statutes, will automatically disqualify the parties. Repeated occurrence of such evidence of above bidders may also be viewed seriously by WBSEDCL authority and penal measures as deemed fit will be imposed on such bidders.

IB.6. Key Dates: The schedule of Dates for e-Tendering.

Sl No.	Action	Date & Time
1.	Publishing Date	19.06.2024 at 14:30 Hrs.
2.	Document Download start date	19.06.2024 at 14:30 Hrs.
3.	Last date of Receiving Pre-Bid Clarification	27.06.2024 at 14:30 Hrs.
4.	Pre-bid Meeting	04.07.2024 at 14:30 Hrs.
5.	Bid submission Start date	11.07.2024 at 14:30 Hrs.
6.	Bid submission last date	25.07.2024 at 14:30 Hrs.
7.	Last date of physical submission of EMD (BG)	25.07.2024 at 14:30 Hrs.
8.	Technical Bid opening date	29.07.2024 at 14:30 Hrs.
9.	Financial Bid opening date	Will be informed to eligible bidders

If any 'Holiday', falls on any of the scheduled date, then the next working day (between mentioned working hours) shall be considered as scheduled date and schedule time.

IB.7. Pre-Bid Discussion:

Pre-bid Meeting will be organized as per the key date mentioned in **IB.6.** in the below mentioned venue:

**Conference Room, Office of Chief Engineer, IT & C Cell,
3rd Floor D-Block, Vidyut Bhavan, Block-DJ, Sector-II
Bidhanagar, Kolkata - 700091, West Bengal.**

If there be any discrepancy or obscurity in the meaning of any clause in NIT then such queries must be sent to Chief Engineer, IT & Communication Cell through following email: itcell@wbasedcl.in before last date of receiving pre-bid clarification mentioned in NIT so that appropriate clarifications can be given to intending bidders. However, sending queries are not mandatory and will not be cause for disqualification of the bidders.

IB.8. Clarification of Bidding Documents: Pre-bid-Query received from vendors up to "Last date of Receiving Pre-Bid Clarification" will be clarified **through wbtenders.gov.in website.**

If any changes are decided by the tender committee based on the query received from the bidders or based on the discussion made in the pre-bid meeting, the same will be uploaded in the website <https://wbtenders.gov.in> and no other communication shall be made afterwards. The clarification given shall be final and binding on the bidder.

IB.9. Amendment / Addenda of Bidding Documents:

IB.9.1. At any time prior to the deadline for submission of bids, WBSEDCL may, for any reason, whether at its own initiative, or in response to a clarification requested by a prospective bidder, amend the bidding document.

IB.9.2. The amendment will be notified in writing through e-tendering website (<https://wbtenders.gov.in>) and will be binding on prospective bidders. Bidders shall keep a track of any such amendment and it will be assumed that information contained therein has been considered by the bidder in its bid.

IB.9.3. In order to provide a reasonable time to prospective bidders for taking the amendment into account in preparing their bid, WBSSEDCL may, at its discretion, extend deadline for submission of bids without citing any reason. In such cases, WBSSEDCL will notify about extended deadline to all prospective bidders in writing through e-tendering website (<https://wbtenders.gov.in>).

IB.10. **Language of the Bid:** Bid prepared, all correspondences and documents relating to the bid exchanged by bidder and WBSSEDCL shall be written in English language only.

IB.11. **Submission of Tenders:**

IB.11.1. **General process of submission:**

IB.11.1.1. Tenders shall be submitted online through website <https://wbtenders.gov.in>. All documents uploaded by tender inviting authority form an integral part of the contract. Bidders are required to upload all tender documents along with other documents, as asked for in the tender, through above mentioned website within stipulated date and time as given in this document. Tenders shall be submitted in two folders, namely, technical proposal and financial proposal. Bidder shall carefully go through all the documents uploaded by tender inviting authority and prepare requisite documents and upload a scanned copy in portable document format (PDF) at designated locations in e-tender website.

IB.11.1.2. Bidder shall download forms/annexures/BOQ, fill up the particulars in designated cells and upload the same in designated location in e-tender website. Original copies of uploaded documents must be submitted for physical verification if asked by tender inviting authority at the time of technical evaluation.

IB.11.1.3. Documents uploaded should be virus scanned and digitally signed using Digital Signature Certificate (DSC). Bidders should take note of all the addendum/corrigendum related to the tender and upload the latest document(s) as part of the bid.

IB.11.1.4. **Earnest money [Bid Guarantee]:**

1. All bids must be accompanied with a refundable earnest money, as "Bid Guarantee". The bid shall be considered non-responsive and invalid if earnest money is not submitted along with the bid.

2. A bid guarantee of **INR 7,00,000/- (Rupees Seven Lakh only)** shall be submitted through online mode in e-tender website. Bid guarantee may also be submitted through Bank Guarantee (BG).

3. No interest will be payable by WBSSEDCL on the above Bid Guarantee.

4. The Bid Guarantee shall be forfeited for any of the following reasons:

i. If during the period of bid validity, bidder withdraws or modifies the bid in part or as a whole.

ii. If successful bidder(s) fail(s) to accept the order unconditionally as per "**Acceptance of LoA**" clause of bid document or fail(s) to furnish contract performance bank guarantee (PBG) as stipulated in PBG or fail(s) to furnish additional performance bank guarantee as stipulated in "Additional Performance Bank Guarantee" clause of bid document.

iii. If successful bidder(s) fail(s) to extend the validity period of EMD if required during the tendering process.

iv. If any cartel is formed by the bidder in their quotation.

5. Payment Method for EMD: Following points shall be noted in this regard:

- a. A bidder desirous of taking part in a tender invited by Offices of WBSEDCL shall login to e-Procurement portal of Government of West Bengal <https://wbtenders.gov.in> using his/her Login Id and password.
- b. Bidder shall select the tender to bid and initiate payment of EMD. Following payment options are available for paying EMD amount 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 pre-filled information to make RTGS/NEFT payment using his bank account. Once the payment is made, 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.

iii. **Submission of EMD through BG:** For submission of EMD in the form of BG, bidders will have to opt for EMD Exemption in e-tender portal and upload scanned copy of BG in EMD exemption document upload section. Physical copy of BG shall be submitted at the office of tender inviting authority within timeline given in this NIT. The Bank Guarantee shall be submitted as per format in **ANNEXURE-VI** and shall remain valid initially for a period of 180 (one hundred eighty) days from the date of opening of bid document mentioned elsewhere in this NIT.

- c. EMD amount can be paid either in online mode or submitted through Bank Guarantee (BG) in full. Partial payment through online mode and remaining submission through BG is not allowed.

d. General Instructions for Online Payment:

- 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 (approx. 24 Hrs.) to get updated in e-tender portal. 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, total actual EMD amount is to be paid only through NEFT/RTGS mode (challan mode).
- Bank account used for payment of EMD by the bidder 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. General Instructions for EMD submission through BG:

- Earnest Money Deposit may be submitted through an irrevocable bank guarantee (BG) prepared in **favor of WBSEDCL** from any scheduled bank of RBI.
- Issue date of BG shall be after NIT publication date.
- BG shall be submitted as per format in **ANNEXURE-VI**.
- Initially it shall remain valid for a period of 180 (one hundred eighty) days from the date of opening of the bid document mentioned elsewhere in this NIT and shall be extended during the course of evaluation of bid, if requested by WBSEDCL.
- BG shall be issued under SFMS Platform. WBSEDCL Bank Details for preparation of BG for EMD are as follows:

Beneficiary Name: West Bengal State Electricity Distribution Company Limited (WBSEDCL)
Bank: Punjab National Bank
Branch: Mayukh Bhavan Branch
A/C No: 1096202100000241
IFSC code: PUNB0109620
- Original copy of BG for Earnest Money Deposit shall be submitted in the following office strictly within timeline given in NIT:

**Office of Chief Engineer, IT & C Cell,
 3rd Floor D-Block,
 Vidyut Bhavan,
 Block-DJ, Sector-II
 Bidhanagar, Kolkata - 700091**
- Original BG i.r.o EMD shall be submitted in a sealed envelope at address as stated above within date and time as specified in NIT. If bidder fails to submit original BG within timeline specified in NIT, the bid will not be considered for evaluation and hence rejected.

f. Refund/Settlement of EMD Amount:

- Bid guarantee of unsuccessful bidders, if submitted through e-payment or challan generated through e-tender website, will be refunded automatically, through an automated process, by NIC portal on receipt of updated status of the bid from WBSIEDCL.
- The Bid Guarantee of unsuccessful bidders, if submitted through Bank Guarantee, will be returned against their written claim, to the Chief Engineer (IT&C Cell), WBSIEDCL, giving the reference to the NIT, date of tender, amount and mode of Earnest Money deposited - all in a complete form, after placement of order on the successful bidder/bidders.
- For successful bid(s), EMD will be refunded from WBSIEDCL authority after completion of tendering process and submission of Performance Bank Guarantee as per respective clauses in NIT. Successful bidder shall submit one letter addressed to Chief Engineer (IT&C Cell), WBSIEDCL giving reference of NIT, date of tender, amount, mode of earnest money deposited and details of Performance Guarantee for requesting refund/return of EMD amount or bank guarantee, as applicable.
- 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 presently maintained by ICICI.

- g. Successful bidder(s) shall have to mandatorily create vendor id through WBSIEDCL Vendor Corner at www.wbsiedcl.in, if not created earlier.**

IB.11.2. Technical Proposal: Technical proposal shall contain all the following documents in a pdf file in order given below. Tenders submitted without any of these documents will be treated as incomplete and liable to be rejected.

IB.11.2.1. Power of attorney for being signing authority of the bid.

IB.11.2.2. Payment Confirmation details for Earnest Money Deposit (EMD).

IB.11.2.3. Signed copy of NIT: All pages of NIT including Annexure(s) signed by authorized person along with seal of the bidder shall be submitted.

IB.11.2.4. Signed copy of Addenda or Corrigendum, if published by WBSIEDCL, shall be submitted. Bidders shall keep a track of all the corrigendum and addendum uploaded by WBSIEDCL related to this tender.

- IB.11.2.5.** Bid Proposal in format as prescribed in **Annexure-I** of NIT.
- IB.11.2.6.** Mandatory Conditions in format as prescribed in **Annexure-II** of NIT. It shall be filled up properly by the bidder. **It will be treated as reference for technical evaluation of bid. Incomplete or improperly submitted bid detail may lead to rejection of bid.**
- IB.11.2.7.** Scanned copy of Bank Guarantee (BG) towards EMD in format as prescribed in **Annexure-VI** of NIT, **in favor of WBSEDCL payable at Kolkata** from any scheduled Bank of RBI. Issue date of BG shall be after NIT publication date. This clause will be applicable only for cases where Earnest Money Deposit (EMD) has been submitted through BG.
- IB.11.2.8.** Price Schedule in unpriced condition (**Vide Annexure -V**).
- IB.11.2.9.** Declarations given in **Annexure -IX** shall be signed by authorized person along with seal of the bidder and submitted accordingly.
- IB.11.2.10.** Escalation matrix in Annexure-XV shall be properly filled-in, signed and submitted.
- IB.11.2.11.** Agreement for third part access security policy of WBSEDCL & Non-Disclosure Agreement (NDA) as per **Annexure-XI** shall be properly filled-in, signed and submitted.
- IB.11.2.12.** Copy of Corporate Identification Number (CIN) of the bidder.
- IB.11.2.13.** Copy of PAN of the bidder.
- IB.11.2.14.** Copy of GST Registration Certificate of the bidder along with 2 years GST return documents.
- IB.11.2.15.** Copy of Balance Sheet and Profit & Loss Statement duly certified by Chartered Accountant or published Audited Annual Reports for Fiscal Year 2021-22, 2020-21, 2019-20. Minimum Average Annual Turnover for in each of the above fiscal years must be at least INR 300 (three hundred) Crore.
- IB.11.2.16.** Copy of Net Worth certificate issued by Chartered Accountant for Fiscal Year **2022-23,2021-22,2020-21**. Net-Worth must be positive for Fiscal Years **2022-23,2021-22,2020-21**.
- IB.11.2.17.** Copy of Liquid Asset certificate issued by Chartered Accountant for Fiscal Year **2022-23,2021-22,2020-21**. Liquid Asset must be at least 25% or more of the estimated cost for Fiscal Years **2022-23,2021-22,2020-21**
- IB.11.2.18.** Copy of Income Tax Return for Assessment Year **2023-24,2022-23,2021-22**
- IB.11.2.19. Manufacturer's Authorization Form(MAF):** The bidder (except OEM) shall submit Manufacturer's Authorization Form as mentioned in the NIT, i.r.o. the quoted equipment.
- IB.11.2.20. Eligibility and Work Experience:**

- i. Bidder must have experience of **handling of Similar kind of CAMC Service** as mentioned in the NIT.
- ii. To comply with the eligibility and work experience the annexures must be duly filled, up, signed and uploaded with the bid along with necessary supporting documents and certificate from order issuing authority. It shall contain proper details for verification by WBSEDCL.
- iii. If tender inviting authority is not satisfied with documentary evidence of the order, the bid may be rejected.

IB.11.2.21. Bidder must have a valid ISO 9001:2015 and ISO 14001:2015 as on bid submission date.

IB.11.3. Financial Proposal: The financial proposal shall contain **Bill of Quantity (BOQ)** as per **Annexure V format**. Bidder has to quote the rate online in space marked for quoting rate in BOQ. Bidder shall mention offered quantity and applicable percentage, if applicable. (Only downloaded copies of the above document should be virus scanned, digitally signed and uploaded by the bidder).

IB.12. Conditional and incomplete tenders are liable to summary rejection.

IB.13. Late Submission of Bid: Bidder shall take all possible measures to submit the bid within the schedule date & time prescribed elsewhere in the bidding document. Late submission of bid and supporting documents for whatever reason will not be accepted.

IB.14. Validity of Tender and Offer: Offer against tender shall remain valid for a minimum period of 180 (One hundred eighty) days from next day of opening of the tender mentioned elsewhere in this NIT. 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.

Opening and evaluation of tender:

IB.14.1. Opening of Technical Proposal

Technical proposals will be opened by the Tender Inviting Authority or his authorized representative electronically from website stated above, using Digital Signature Certificate (DSC).

Technical proposals for bids where original copies of BG towards EMD, in case EMD has been paid through BG, have been received will only be opened. Proposals corresponding to which original copy of BG towards EMD has not been received, will not be opened and will stand rejected.

Intending bidders may remain present, if they desire.

Decrypted (transformed into readable formats) documents of statutory and non-statutory covers will be downloaded for the purpose of evaluation.

IB.14.2. Evaluation of Technical Proposals

In this stage, the Technical Proposal will be evaluated on the basis of Bidder's experience, its understanding of SOW and SLA, proposed methodology and Work Plan etc. as mentioned in this NIT. Technical Evaluation will be made based on the information provided by the bidders against the Annexures of this NIT. Only

technically qualified Bidders as per the Technical evaluation criteria shall be declared as qualified for evaluation of their Financial Proposals.

While evaluation, tender inviting authority or his authorized representative may summon bidders and seek clarification/ information or additional documents or original hard copy of any of the document already submitted and if these cannot be produced within the stipulated timeframe, their proposals will be liable for rejection.

Summary list technically qualified bids will be made available in e-tender portal. Date of opening of financial bid will be intimated to techno-commercially qualified bidders.

IB.14.3. Opening of Financial Proposal

Financial proposals submitted by the bidders in prescribed format (ANNEXURE-V) and declared technically eligible, will be opened electronically by tender inviting authority from e-tender portal stated above on prescribed date.

Encrypted copies will be decrypted and rates will be read out to bidders remaining present at that time of the financial bid opening.

Tender inviting authority, if feels appropriate, may ask any of the bidders to submit analysis for justification of rate quoted by that bidder. Deviation in any form in price-bid sheet will be unacceptable. For any discrepancy in number of figures and words, quoted amount in figure will prevail.

Revision/withdrawal of financial proposal by bidder after opening of technical proposal will not be allowed unless and until it is sought by the tender inviting authority.

IB.14.4. Evaluation of Financial Proposal

In this stage, the financial evaluation will be carried out of the technically qualified bidders. Each Financial Proposal will be checked and The Lowest Financial Proposal will be marked as L1.

IB.14.5. The second highest Bidder (L2) shall be kept in reserve and may be invited in its discretion for negotiations in case the first-ranked Bidder (L1) withdraws, or fails to comply with the requirements.

IB.15. Signing of Bids:

IB.15.1. Bid should be downloaded from website www.wbtenders.gov.in and signed by a person(s) duly authorized by the bidder.

IB.15.2. To be qualified for evaluation and finalization of contract, bidder(s) shall submit a written power of attorney, authorizing the signatory of the bid to act on behalf of the bidder in the form and manner which is acceptable by WBSEDCL.

IB.15.3. All pages of the bid and where, entries/ amendments have been made, should be signed by the person/persons signing the bid.

IB.15.4. Complete bid should be without alterations, interlineations or erasers, except those to accord with instructions issued by WBSEDCL or as necessary to

correct errors made by bidders. Such corrections should be initialed by the person(s) signing the bid. Bids which are not duly signed will be treated as cancelled.

IB.16. Conflict of Interest:

- IB.16.1.** Bidder should not have any conflict of interest that can affect the tendering Process. Any bidder found to have a conflict of interest will be disqualified. In the event of disqualification, bid security of the bidder will be forfeited for the time, cost and effort of the authority including consideration of such bidder's proposal, without prejudice to any other right or remedy that may be available to authority hereunder or otherwise.
- IB.16.2.** Any bidder will be found to have a conflict of interest if his near relative is posted as any employee/officer in any capacity in WBSEDCL and associated with tender inviting authority.
- IB.16.3.** Any bidder will be found to have a conflict of interest if any employee of the bidding firm/company has developed a financial or other interest with any employee/officer of WBSEDCL associated with tender inviting authority during execution of the contract.
- IB.16.4.** Any bidder will be found to have a conflict of interest if the bidder has a relationship with other bidder(s) directly or through common parties that puts them in a position to have access to each other's information or influence the tendering process of either or each of the other bidder.

IB.17. Acceptance of Tender: V1 bidder's valid rate will normally be accepted. However, tender accepting authority does not bind itself to do so and reserves the right to reject any or all the bids, for valid reasons. Moreover, conditions mentioned under clause IB.18 will also be considered while accepting bids.

IB.18. Purchase Order: WBSEDCL will communicate acceptance of tender to the successful bidder by a purchase order/LoA. Successful bidder shall communicate unconditional acceptance of the purchase order/LoA.

IB.19. Concession: No price preference will be allowed to any bidder based on the size of the industry or its geographic location. Co-operative Society/ MSMEs will not be considered with separate status.

IB.20. Issue of LOA: WBSEDCL will award the contract (LoA) to the successful bidder(s) whose bid has been determined substantially responsive and the most suitably evaluated bid provided further that the bidder is determined to be qualified to perform the contract satisfactorily. WBSEDCL shall be the sole judge in this regard.

IB.21. Acceptance of LOA: Successful bidder should submit written unconditional acceptance of LOA within 7 (seven) days from date of issuance of the same. Submission of conditional acceptance of LOA shall be treated as non-compliance of this clause. Failure to compliance will be liable for cancellation of order and forfeiture of bid guarantee submitted by the bidder.

IB.22. Execution of Contract Agreement: Contract Agreement, as per Annexure-XII, on non-judicial stamp paper worth INR 100 shall be executed within 28 (twenty-Eight) days from the date of

issuance of LoA. Date of execution of contract agreement shall be considered as commercial go-live of the Project.

IB.23. Right to reject Bids:

IB.23.1. WBSEDCL reserves right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) reason for WBSEDCL's action.

IB.23.2. WBSEDCL reserves right to disqualify any bidder during the tendering process in case any adverse remark related to data compromise/fraud comes into notice of WBSEDCL by any means where the bidder is directly or indirectly involved.

IB.24. Disqualification of Vendors: Adverse report/remark against any order from any office under WBSEDCL may disqualify the candidature of the vendor at any point of time during processing of the tender.

IB.25. Mandatory Condition: All clauses mentioned under IB 11.2 shall mandatorily be complied by intending bidders for qualification.

IB.26. Legal Jurisdiction: The necessary judicial affairs and/or Court Case will be exclusively within the jurisdiction of Calcutta High Court only.

IB.27. Communication: Successful vendor, for communicating with WBSEDCL, for this job may use following modes. Email- itcell@wbasedcl.in

IB.28. Representatives of Successful Bidder:

IB.28.1. Successful bidder should nominate one person exclusively for this project from commencement to completion as a Nodal Officer with whom WBSEDCL will contact on all matters related to this order.

IB.28.2. The vendor shall specifically furnish to WBSEDCL, the name, designation, Telephone no. including mobile no., email address of such person.

IB.28.3. Alongside, successful bidder shall also share one Escalation Matrix containing name, designation, mobile number and email id for designated persons at each level.

IB.28.4. Successful bidder shall arrange to depute Onsite Support as detailed/ mentioned in the NIT. Moreover, support personnel engaged in this project shall be an employee in direct payroll of the bidder.

IB.28.5. Successful bidder shall provide complete Support during the contract period on all days.

IB.29. Time Schedule: The entire activity as per scope of work shall start after issue of LOA. Date of issue LOA or any date jointly agreed by WBSEDCL and the selected vendor shall be considered as zero date. The contract will be valid for 3 years in 2+1 years mode . On successful and satisfactory completion of 2 years , next one years go ahead will be given. If the service of first 2 years are not satisfactory WBSEDCL may terminate the contract.

Section: 2

General Terms & Conditions (GTC)

GTC.1. General Terms:

- GTC.1.1.** WBSEDCL reserves right to review bidder's capability and capacity to perform the work before awarding Contract, without assigning any reason whatsoever.
- GTC.1.2.** The bidder has to furnish all the information as required regarding their offer.
- GTC.1.3.** Quotation from any sub-vendor will not be entertained.
- GTC.1.4.** Any form of consortium/ Joint ventures will not be allowed.
- GTC.1.5.** The bidder shall satisfy WBSEDCL with his ability to perform the AMC-ATS-FMS service activities.
- GTC.1.6.** All correspondence, documents and Bid, exchanged between the Bidder and WBSEDCL shall be written in English language. Failure to comply with this request may disqualify a bidder.
- GTC.1.7.** WBSEDCL reserves right to cancel the tender during its processing without showing any reason whatsoever.
- GTC.1.8.** Decision of WBSEDCL on all matters will be final & binding on the bidders.
- GTC.1.9.** The Bidder Must have an office establishment in Kolkata, West Bengal or agree to establish office in Kolkata within 3 months if selected.

GTC.2. Statutory Obligations:

Statutory obligations as per law of the land should be complied by the bidder. Employees Compensation Act 1923, the Contract Labour (Regulation & Abolition) Act 1970, Employees Provident Funds and Miscellaneous Provisions Act 1952, Employees' State Insurance Act 1948, Payment of Wages Act 1936 etc. and rules made there under for every act, have to be dealt by the vendor as per relevant act and financial obligation/s arising out of statutory obligations will be entirely on vendor's account and WBSEDCL will not be responsible on this score for any reason whatsoever.

GTC.3. Risk Purchase / Performance

Completion time (from LoA date) stipulated shall be deemed to be the essence of the contract and if the contractor fails to provide the services within the completion time , the purchaser (WBSEDCL) shall be entitled to purchase such consignment and if not available the best and nearest available substitute elsewhere on the account and at the risk of the Vendor or to cancel the contract and the Vendor shall be liable to compensate for any loss or damage which the purchaser (WBSEDCL) may sustain by reason of such failure on the part of the supplier. Recovery will be made from the outstanding bills and/or through encashment of any Bank guarantee of the Vendor lying/ to be lying with WBSEDCL.

GTC.4. Limitation of liability

- GTC.4.1.** Neither Party shall be liable to the other Party for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the bidder to pay liquidated damages to WBSEDCL, and
- GTC.4.2.** Except in cases of gross negligence or willful misconduct, the aggregate liability of Bidder to WBSEDCL, whether under the Order, in tort, or otherwise, shall not exceed the amount specified in the Contract Price. Provided that this limitation shall not apply to the cost of repairing or replacing defective equipment/solutions with respect to patent infringement.

GTC.5. Contract Period:

IB.30. Initial contract will remain valid for the period of 2 years, (though 3 years LoA will be issued) from the subsequent zero date i.e date of start of CAMC contract /or any date mutually agreed by WBSEDCL and the selected bidder. On successful and satisfactory completion of 2 years, next one years go ahead will be given. If the service of first 2 years are not satisfactory WBSEDCL may terminate the contract.

GTC.5.1. No payment will be made to the selected vendor during knowledge transfer phase. Payment will only be made after complete transfer of the system from the existing vendor to newly selected vendor. Accordingly, quarterly payment will be released. Contract period will start from zero date and will remain valid for a period of 3 (three) years.

GTC.5.2. If service of the vendor is satisfactory then go ahead will be given Once by a period of up to 1(one) year with prevailing rate, terms and conditions after expiry of two-years contract period in case performance of the vendor is certified as satisfactory by controlling officer. Successful bidder shall submit a written declaration along with acceptance of LOA for providing extended CAMC service to WBSEDCL after completion of two-year service with prevailing rate and same terms and conditions.

GTC.6. Price:

GTC.6.1. Quoted unit rate will remain firm throughout the period of contract. Incomplete or partial quotation will not be accepted and such will be liable to be rejected.

GTC.6.2. GST or its substitute tax as per the existing law or substituted law will be payable on over or above the quoted rate as applicable as per the rules prevailing in India.

GTC.6.3. Price evaluation will be made on total price as submitted by the bidder in the BOQ (as per Annexure-V format)

GTC.7. Taxes, Duties and other levies:

GTC.7.1. Bidder will be solely responsible for taxes that may be levied on the vendor's persons or on earning of any of his employees and shall hold the employer indemnified and harmless against any claims that may be made against the employer. WBSEDCL shall not take any responsibility whatsoever regarding taxes under Income Tax Act, for the Vendor or his personnel.

GTC.7.2. GST or its substitute tax as per the existing law or substituted law will be payable on over or above the quoted rate as applicable as per the rules prevailing in India.

GTC.8. Cancellation/Termination of Contract

GTC.8.1. WBSEDCL shall have the right to repudiate the contract if the work is not being performed as per satisfaction of WBSEDCL. The following causes may also lead to cancellation of LOA.

- Non acceptance of LOA as per "Acceptance of LoA" clause.
- Non submission of Performance BG within time mentioned.
- If failed to perform the CAMC work.
- If Sufficient key experts/Manpower not provided during the work execution.
- In each above cases 15 days' termination notice shall be issued prior to termination of LOA.
- If back to back contract paper with OEM is not submitted.
- If conflict of interest found.
- If NDA not agreed and signed by the bidder.

GTC.8.2. WBSEDCL reserves right to terminate the contract either in part or whole due to reasons of non-compliance of stipulated activities for different clauses under this contract or any other reason felt appropriate by controlling officer of this project. In such an event, WBSEDCL will give 15 (fifteen) days' notice period in writing to the vendor of his decision to do so.

GTC.8.3. WBSEDCL reserves right to disqualify any bidder during the contract period in case any adverse remark related to data compromise/fraud comes into notice of WBSEDCL by any means where the bidder is directly or indirectly involved

GTC.9. Performance Bank Guarantee:

GTC.9.1. As Contract Guarantee, successful bidder shall furnish a Performance Guarantee in the form of unconditioned & irrevocable Bank Guarantee amounting to 10% of the total awarded contract price from any Scheduled Bank of RBI as per enclosed proforma (Annexure-VII) to guarantee faithful execution of the order in accordance with the terms and conditions stipulated in the order. BG shall be issued under SFMS Platform. WBSEDCL Bank Details for preparation of PBG:

Beneficiary Name: West Bengal State Electricity Distribution Company Limited
Bank: Punjab National Bank
Branch: Mayukh Bhavan Branch
A/C No: 1096202100000241
IFSC code: PUNB0109620

GTC.9.2. Performance Guarantee shall cover the contract period for satisfactory performance. For any failure towards satisfactory performance on the part of the vendor, Bank Guarantee will be liable for encashment and forfeiture.

GTC.9.3. Performance Guarantee furnished in any other form will not be accepted.

GTC.9.4. Performance Guarantee will not carry any interest.

GTC.9.5. The above Performance Guarantee shall be submitted within 45 (forty-five) days from the date of issue of LoA and remain valid up to ninety (90) days beyond the contract period. Claim period of the bank guarantee shall be 180 days beyond validity date.

GTC.9.6. In case the contract is renewed, the successful bidder shall extend the validity of the Performance Bank Guarantee for a further period of ninety (90) days beyond the renewed contract Period. Accordingly, claim period shall be extended to 180 days from new validity date.

GTC.10. Additional Performance Bank Guarantee:

GTC.10.1. An additional performance guarantees equivalent to 10% of the tendered amount has to be submitted by successful bidder if the bid is in the range of -20% to -80% of the estimated rate.

GTC.10.2. The additional performance guarantee shall be submitted in the form of a Bank Guarantee from any scheduled bank of RBI as per the format enclosed in Annexure VIII. BG shall be issued under SFMS Platform. WBSEDCL Bank Details for preparation of BG:

Beneficiary Name: West Bengal State Electricity Distribution Company Limited
Bank: Punjab National Bank
Branch: Mayukh Bhavan Branch

GTC.10.3. The additional performance guarantee shall cover the contract period for satisfactory performance. For any failure towards satisfactory performance on the part of the vendor, Bank Guarantee will be liable for encashment and forfeiture.

GTC.10.4. Additional performance guarantee submitted in any other form will not be acceptable.

GTC.10.5. Additional performance guarantee will not carry any interest.

GTC.10.6. Additional performance guarantee shall be submitted within 45 (forty-five) days from date of issue of LoA. It shall remain valid up to ninety (90) days beyond the contract period. Claim period of the bank guarantee shall be 180 days beyond validity date.

GTC.10.7. In case the contract is renewed, the successful bidder shall extend the validity of the additional performance guarantee for a further period of ninety (90) days beyond the renewed contract Period. Accordingly, claim period shall be extended to 180 days from new validity date.

GTC.10.8. WBSEDCL will intimate successful bidder(s) regarding submission of additional performance guarantee after completion of financial evaluation process of the tender.

GTC.10.9. The PBG/ additional PBG shall be submitted to:

The Chief Engineer, IT&C Cell, 3rd Floor, 'D' Block, Bidyut Bhavan, WBSEDCL.

GTC.11. Force Majeure: The successful bidder will not be liable if prevented from carrying out obligations under the orders by reasons of war, invasion, foreign hostilities, war declared, riot, civil commotion, mutiny, fire, Govt. orders and/or restrictions or any other cause beyond the reasonable control of the bidder. However, such force-majeure circumstances should be intimated immediately and established subsequently with appropriate documents/proofs to the entire satisfaction of WBSEDCL. WBSEDCL will not take any additional liability towards enhanced taxes, duties and price variation due to force majeure condition.

GTC.12. NDA & third part access security policy

Agreement for third party access security policy of WBSEDCL as per Annexure-X shall be properly filled-in, signed and submitted. Signed Annexure-XI for Non-Disclosure Agreement (NDA) shall be submitted.

Additionally, the successful bidder needs to sign Non-Disclosure Agreement (NDA) as per Annexure-XI with WBSEDCL before commencement of the work.

GTC.13. Terms of payment:

GTC.13.1. No advance payment will be made.

GTC.13.2. Payment shall be made in Indian Rupee only.

GTC.13.3. The CAMC charges shall be paid by WBSEDCL on quarterly basis at the end of each three-monthly periods from the date of start of CMAC Service. The payments will be made after deducting LD/penalties if any, based on the SLA and other reports.

GTC.13.4. For the service of 200 KVA ups, which will start from 15.02.2025, the payment will be made for the AMC of the 200 KVA UPS in daily pro-rata basis, and the amount will be added to the quarterly charges of the quarter from which service starts. From the corresponding quarters, the quarterly charges will be added.

GTC.13.5. The quarterly bills should be submitted to the office of the Chief Engineer, IT&C Cell, 3rd Floor, Block-D, Bidyut Bhavan, Salt Lake City, Kolkata - 700091. in triplicate.

GTC.13.6. The bills must accompany certificates from the respective module heads/nodal officer of each of the functional area as mentioned in the scope of work countersigned by the controlling officer.

GTC.14. Service Level Agreement (SLA) and Liquidated Damage (LD):

GTC.14.1. The purpose of this SLA is to clearly define the levels of service to be provided by bidder to WBSEDCL for the entire service period of this contract until this SLA has been amended. The Detailed SLA parameters have been described in Annexure- IV (SLA). SLA may be reviewed and revised according to the need of WBSEDCL. Bidder shall strictly provide service as defined in Scope of Work, in accordance with the other clauses of the tender document. **The bidder will be fully responsible to maintain the SLA strictly. To maintain the service as per the SoW, the bidder may require to engage additional resources than the minimum requirement without any extra/additional cost to WBSEDCL.**

Service related calls will be logged by WBSEDCL officials/selected FMS bidder in WBSEDCL's Incident Management System. Details of the calls also to be registered in the Incident Management System. Selected bidder must resolve the incidents in accordance to the SLA by managing and responding to the incidents in WBSEDCL's Incident Management system.

In case the Supplier does not meet the service levels as mentioned in the SLA, WBSEDCL may treat it as a case of breach of SLA. Upon unsatisfactory AMC-ATS service, the following steps will be taken: -

- WBSEDCL may issues a show cause notice to the Bidder. Bidder should reply to the notice within three working days.
- If WBSEDCL authorities are not satisfied with the reply, WBSEDCL may initiate termination process as mentioned in the "Cancellation/ Termination of Order" Clause.

The recording of downtime shall commence at the time of registering the call/incident in Incident Management System. Downtime shall end when the problem is rectified/ incident is resolved. Down time will be calculated as per the resolution time and priority mentioned in the SLA. The report from Incident management tool will be considered for SLA calculation.

In case of SLA/Penalty/LD imposed if any, the amount calculated shall be deducted/adjusted from any pending bills or from Performance Bank Guarantee of the bidder. In case of termination of LOA as per "Cancellation/ Termination of Order" clause, WBSEDCL will engage third party for the maintenance of items and related service. The difference in cost of CAMC for engagement of

third party will be deducted from outstanding bill /BG lying / to be lying with WBSEDCL.

If the bidder fails to set right the malfunctioning of the system within schedule downtime as indicated in relevant clause, WBSEDCL may recover from Bidder @1/2% (half percent) amount of proportionate order value of that Quarter per hour or part thereof as Liquidated Damage and same amount i.e. @1/2% half percent) amount of proportionate order value of that Quarter per day or part thereof as Liquidated Damage for non-critical items. The maximum value of LD would be 10% (ten percent) Of order value per Quarter. In case of termination of rot as per termination clause, WBSEDCL will engage third party for the maintenance of supplied and installed items and related service. The difference in cost of warranty for engagement of third party will be deducted from outstanding bill /BG lying / to be bring with WBSEDCL.

GTC.15. Detail Address of Service Locations:

- Central Data Center, WBSEDCL, Behind DLF-1 Building, Beside 33/11 KV Sub Station, Street No:41, Action Area-1, Newtown, Rajarhat.
- Disaster Recovery Data Centre, Kalikapur Road, Opposite North Bengal State Transport Corporation Bus Stand, Gar Berhampore Murshidabad-742101.
- IT&C Cell, Vidyut Bhavan, 3rd Floor, Block-D, Saltlake City, Kolkata - 700091.
- Successful bidder should establish a project management office at Kolkata for continuing the service from Kolkata for different application management within 3 months from the placement of LOA.

GTC.16. WBSEDCL Personnel for Liaison:

GTC.16.1. Controlling Officer: Addl. Chief Engineer, IT & C Cell, WBSEDCL

GTC.16.2. Supervising & Nodal Officer: Site In-charge of Respective offices (DC/DRC etc),

GTC.16.3. Paying Authority: Manager (F&A), IT&C Cell, WBSEDCL.

Section: 3
Scope of Work (SoW)

COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT

Maintenance of all the equipment mentioned in **Annexure V** shall be covered under CAMC and the processes and procedures to ensure reliable, safe, and effective operation at DC, Rajarhat, and Disaster Recovery System, Berhampore for running the facility. Uptime is defined as per overall uptime for DC as well as DRC. During the mentioned AMC period, 99.5% for all the DC Components, as well as DRC Components (mentioned in Annexure V), will be required.

- SW.1.** Understand and analyze the product performance on a periodic basis and provide technical recommendations/suggestions/solutions if required based on the existing infrastructure.
- SW.2.** Respond to emergency calls, provide site attendance within the call-out time, and take all the necessary corrective actions to restore the service within the minimum downtime.
- SW.3.** The vendor shall be responsible for the maintenance of all the systems as per the scope of work(**SW**) with services rendered as per LOA issued by WBSEDCL.
- SW.4.** Must use calibrated testing equipment as well as other items as necessary for collecting all the relevant information, data and statistics, etc.
- SW.5.** The Vendor shall be solely responsible for providing all the AMC support services under this contract and WBSEDCL will not be liable to interact with any of the OEMs (Original Equipment Manufacturers).
- SW.6.** Dedicated Electrical Equipment list with specifications (Like DG, TR, VCB, Panels, UPS, BATTERY, BMS SYSTEM, PAC and ACs, etc.) of DC & DRC will be provided to VENDOR after acceptance of LOA and the information regarding any addition/alteration of electrical equipment during AMC period would be provided to the VENDOR accordingly.
- SW.7.** VENDOR will provide a toll-free number or one dedicated landline number for registering the calls from WBSEDCL. Also, Vendor shall provide one or two mobile numbers for registering emergency calls for any critical equipment fault.
- SW.8.** VENDOR will respond to all calls and provide 7 x 24x365 emergency service.
- SW.9.** VENDOR shall provide one dedicated manpower at DC and DRC in 7 x 24x365 mode i.e one dedicated manpower shall sit at DC and same at DRC in 7x24x365 mode and he/she will perform monitoring of all non-IT equipment of DC and DRC as mentioned in Annexure V. He/she shall have sufficient knowledge of the non-IT equipment of Data Center and should have the expertise for troubleshooting maintenance work of non-IT equipment of Data Center during any occurrence of any fault at DC and DRC. He/she should be responsible for docketing any call during the breakdown of any equipment under this scope of work. He/she should be responsible for providing any type of MIS reports for this maintenance activity. He/ She should have at least a diploma in electrical engineering. Proof of his/her educational qualification/CV needs to be submitted.
- SW.10.** VENDOR needs to provide a dedicated project manager who will be present physically in both the site offices (DC &DRC) as or when required by WBSEDCL. Project manager should be at least B. TECH/ BE in electrical engineering having 5 years of relevant experience of maintaining Data Centre.
- SW.11.** VENDOR will take immediate action against any breakdowns, faults, or defects reported to him and take the necessary corrective actions to restore the service.

SW.12. During the mentioned AMC period, uptime of 99.5% for all the supplied DC Components and DRC Components on a quarterly basis will be required. All the equipment mentioned in Annexure V shall be covered under AMC. The resolution times of the items mentioned in Annexure V are as follows:-

SW.12.1 Critical Items like PPC, PAC, DG set, 160 KVA UPS, 10 KVA UPS, ATS and LT Panels.

SW.12.1.1. Call to Resolution time (CTR) for Data Center, Rajarhat--- 4 hrs.

SW.12.1.2. Call to Resolution time (CTR) for Disaster Recovery Center, Berhampore - 6 hours.

SW.12.2 Non-critical Items (Items other than Critical Items).

SW.12.2.1. Call to Resolution time (CTR) for Data Center Rajarhat - 24 Hours.

SW.12.2.2. Call to Resolution time (CTR) for Disaster Recovery Center, Berhampore - 24 hours.

SW.13. MAINTENANCE ACTIVITY FOR ELECTRICAL SYSTEMS.

SW.13.1. EMERGENCY MAINTENANCE: Emergency maintenance will be performed against all docketed calls during the occurrence of a fault of any component under the Electrical, HVAC, and BMS system. Call to resolution time (CTR) is indicated in the **SW.11.1 and 11.2** clauses.

SW.13.2. MAINTENANCE ACTIVITY FOR DIESEL GENERATOR SETS & AMF PANELS:-

SW.13.2.1. Cleaning of DG set and battery terminals.

SW.13.2.2. Check generation of DG alarms.

SW.13.2.3. Check proper earthing of DG neutral and body.

SW.13.2.4. Check the Radiator water level and inhibitor.

SW.13.2.5. Check any leakage in the DG set.

SW.13.2.6. Operate Generator and Check parameters and Panel indication.

SW.13.2.7. Check 110v DC, 230v AC, 24v DC supply and record.

SW.13.2.8. Check for excessive vibration and report if any.

SW.13.2.9. Check the conditions of motor shafts & belts.

SW.13.2.10. Check & clean radiator fins, water separator, coolant level, etc.

SW.13.2.11. Checking of proper functionality of canopy light, door lock self-starter, stop solenoid, and other gauges.

SW.13.2.12. Checking of battery voltage and distill water and specific gravity of battery.

SW.13.2.13. Record HR meter reading of DG set.

SW.13.2.14. Measurement of voltage, load current, lube oil pressure, coolant temp, engine temp, frequency, RPM of DG set.

SW.13.2.15. Checking of DG operation in Auto and manual mode along with o/p voltage and frequency at full load.

SW.13.2.16. During maintenance work vendor should record the SEB and DG meter readings and log book to be maintained against it.

SW.13.2.17. Preventive & corrective maintenance reports will be maintained.

SW.13.2.18. Check exhaust smoke leakage.

SW.13.2.19. Check the proper functioning of gauges and record discrepancies

SW.13.2.20. Check Belt tension & condition of water pump, pulley drive & fan, etc.

SW.13.2.21. DG battery replacement (If needed).

- SW.13.2.22. Repairing of Self-starter & Charging alternator and radiator.
- SW.13.2.23. Cleaning of Diesel Tank.
- SW.13.2.24. Replacement of Fuel Pipes.
- SW.13.2.25. Repairing of DG cylinder pipe & exhaust line.
- SW.13.2.26. Radiator cloth will be replaced as & when required.
- SW.13.2.27. **C-Check of DG Set is to be done alternatively with B-Check in every 6 months, i.e. one "B" Check and one "C" Check both in a year alternatively.**
- SW.13.2.28. **Maintenance is to be done by the OEM partner.**
- SW.13.2.29. **DG units must have back to back OEM support for entire contract period.**
- SW.13.2.30. Verifying Control Panel readings and indicators performing its maintenance.

EXCLUSIONS:

- SW.13.2.31. Supply and filling of Diesel

SW.13.3. MAINTENANCE ACTIVITY FOR UPS (TYPE 160 KVA, 200 KVA & 10 KVA)

- SW.13.3.1. Cleaning up of Unit, Visual Inspection to check any deformation.
- SW.13.3.2. Checking and Adjustment of Power parameters like input, Output, DC voltage & Current.
- SW.13.3.3. Checking and Adjustment of Control parameters on different PCBs.
- SW.13.3.4. Checking of tightness and cleaning of battery terminals.
- SW.13.3.5. Functional Checking of Rectifier section.
- SW.13.3.6. Functional Checking of Inverter section.
- SW.13.3.7. Functional Checking of Static Switch Section.
- SW.13.3.8. Checking of Wire wound components
- SW.13.3.9. Operational test of the system including unit transfer and battery discharge.
- SW.13.3.10. Install or perform Engineering Field Change Notices (FCN) as necessary.
- SW.13.3.11. **UPS units must have back to back OEM support for entire contract period.**
- SW.13.3.12. Inclusion of 2 units of 200 Kva UPS from Feb 2025

SW.13.4. CHECKING AND MAINTENANCE ACTIVITY FOR LT PANEL.

- SW.13.4.1. Cleaning up of dust & greasing (only on moving parts) of the total panel.
- SW.13.4.2. Do the tightness of the junction points/nuts & bolts.
- SW.13.4.3. Checking the breaker settings & function.
- SW.13.4.4. Measuring of Panel earthing value & connections.
- SW.13.4.5. Checking of the cable socket conditions.
- SW.13.4.6. Repair & replacement of cable sockets in case of requirements.
- SW.13.4.7. Checking of measuring meters & its functions. Repair only in case of requirement (Vendor will not provide any standby meter during repairing period).
- SW.13.4.8. Checking of measuring meters & its functions. Repair only in case of requirement (Vendor will not provide any standby meter during repairing period).

- SW.13.4.9. Repair & replacement of MCB/MCCB/Contractor/Relay/Circuit Breakers.
- SW.13.4.10. Under Voltage and Over Voltage trip settings checking.
- SW.13.4.11. Replacement & calibration of measuring meters.
- SW.13.4.12. Replacement of any bus bar
- SW.13.4.13. Repair & replacement of Panel metal sheet

SW.13.5. MAINTENANCE ACTIVITY FOR OTHER ELECTRICAL EQUIPMENT

- SW.13.5.1. Checking of proper functioning of **Main Switch**.
- SW.13.5.2. Checking of proper body earthing of **Main Switch**.
- SW.13.5.3. Checking of proper functioning of **indoor, outdoor, light, and power sockets**.
- SW.13.5.4. Checking of any loose termination within **Main Switch, ACDB**, and others. **MCBs** and proper functioning of **ACDB**.
- SW.13.5.5. Checking for the functionality of **PRECISION POWER CENTRE (PPC)** and providing necessary maintenance for all components of **PPC** to provide a continuous supply of AC power to the equipment connected with PPC installed at Data Centre, RAJARHAT and Disaster Recovery Center, Berhampore.
- SW.13.5.6. Checking of voltage level in the **Utility Panel** and providing necessary maintenance for all components of the Utility Panel for the continuous flow of power to the equipment connected with the Utility Panel installed at Data Centre, RAJARHAT & Disaster Recovery Center, Berhampore.
- SW.13.5.7. Checking of the functionality of **Utility Output DB connected with 10 KVA UPS** and providing necessary maintenance for a continuous supply of power to the 10 KVA UPS.
- SW.13.5.8. Checking the functionality of **LDB connected with all Lighting points** of the Data Center & Disaster Recovery Center and providing necessary maintenance for a continuous supply of AC power to the Lighting equipment.
- SW.13.5.9. Checking for the functionality of **PDB connected with all power points** of the Data Center & Disaster Recovery Center and providing necessary maintenance for a continuous supply of AC power to the power points.
- SW.13.5.10. Providing extra **Cable Trays** if required. for any damage to existing trays and installation of new equipment at the Data Center, Rajarhat & DRC, Berhampore for proper cabling of the system.
- SW.13.5.11. Replacing **Cable and Termination kits** as may be required for the proper functioning of the system installed at Rajarhat DC & Berhampore DRC.
- SW.13.5.12. Checking of **Wiring, MCB, Switches**, etc installed at Rajarhat DC as well as Berhampore DRC and providing necessary replacement whenever required for smooth functioning of the system.
- SW.13.5.13. Check all the lighting equipment with allied accessories at Rajarhat DC as well as Berhampore DRC and replacement shall be made if required.
- SW.13.5.14. Checking of Industrial sockets, plugs and related components and replacement shall be made if required.

EXCLUSIONS:

- SW.13.5.15. Electronic Ballast of the Indoor Lights.

SW.13.5.16. Tube/PL/CFL for Indoor Light fitting.

SW.13.6. MAINTENANCE ACTIVITY FOR EARTHING AND EARTHING STRIPS.

- SW.13.6.1. Checking for loose termination and continuity of earthing connections with earth pit.
- SW.13.6.2. Watering, charcoal & salt refill and cleaning of earthing pits.
- SW.13.6.3. Changing nuts & bolts in case of rusting.

SW.13.7. MAINTENANCE ACTIVITY FOR BATTERIES FOR 10 KVA, 160 KVA, 200 KVA UPS AND DG SETS.

- SW.13.7.1. Checking of Battery Health.
- SW.13.7.2. Replacement of UPS Batteries & DG Set Batteries if required.
- SW.13.7.3. Checking of any loose termination of the battery bank.
- SW.13.7.4. Checking of petroleum gel on the junction points.
- SW.13.7.5. Proper cleaning of termination of battery bank with greasing of terminals.
- SW.13.7.6. Checking of body earthing of the battery bank.
- SW.13.7.7. Checking of individual cell voltages in float, boost mode.

EXCLUSIONS:

- SW.13.7.8. VRLA batteries for 160/200 KVA UPS.

SW.13.8. MAINTENANCE ACTIVITY FOR AUTOMATIC TRANSFER SWITCH(ATS).

- SW.13.8.1. De-energize the switchgear.
- SW.13.8.2. Test and re-calibrate all trip sensing and time delay functions in the switchgear.
- SW.13.8.3. Vacuum clean the accumulated dust from the ATS and accessory panels.
- SW.13.8.4. Inspect for moisture or signs of previous wetness or dripping.
- SW.13.8.5. Remove any grime with an approved solvent.
- SW.13.8.6. Inspect all insulating parts for cracks or discoloration due to excessive heat.
- SW.13.8.7. Inspect all main arcing contacts for excessive erosion.
- SW.13.8.8. Inspect all main current-carrying contacts for pitting and discoloration due to excessive heat.
- SW.13.8.9. Inspect all control relay contacts for excessive erosion and discoloration due to excessive heat.
- SW.13.8.10. Manually operate the main transfer movement to check proper contact alignment, deflection, gap, and wiping action.
- SW.13.8.11. Check all cable and control wire connections to the transfer switch control and sensing panel and other system components and tighten them if necessary.
- SW.13.8.12. Re-energize the switchgear and conduct a test by simulating a normal source failure.
- SW.13.8.13. Testing of ATS with Test Switch.
- SW.13.8.14. ATS units must have back to back OEM support.

SW.14. MAINTENANCE ACTIVITY FOR HVAC, SPLIT & DUCT AC SYSTEMS.

SW.14.1. MAINTENANCE ACTIVITY FOR HVAC SYSTEMS

- SW.14.1.1. Cleaning up of Unit, Air Filter, cooling coil & condenser coil.
- SW.14.1.2. Cleaning of Humidifier bottle, electrodes, water supply strainer and drain inside the machine.
- SW.14.1.3. Checking of drive belt & replace if necessary.
- SW.14.1.4. Lubrication of bearings if necessary.
- SW.14.1.5. Checking up of operation of Unit, Controller & condenser.
- SW.14.1.6. Combing of fins of condenser & Evaporator coil if necessary.
- SW.14.1.7. Measurement of current in each equipment.
- SW.14.1.8. Checking of all the overload relay settings.
- SW.14.1.9. Checking of all electrical components for loose connections and tightening if necessary.
- SW.14.1.10. Checking of refrigeration piping for any gas leakages.
- SW.14.1.11. Checking of the refrigeration system and pressure readings.
- SW.14.1.12. Checking about the temperature of the Server Room which must be maintained at a set temperature between 18 and 22 degrees Celsius 24 hours a day, 7 days a week. Temperature must be maintained to 1 Degree Celsius from the set temperature.
- SW.14.1.13. Checking and maintaining a constant humidity level of 50 percent, plus or minus 10 percent (45 percent to 55 percent) in the DC server room.
- SW.14.1.14. Checking of pulleys, Motor mounts, Condenser fan mounts, etc.
- SW.14.1.15. Checking of panel insulation.
- SW.14.1.16. Checking temperature readings.
- SW.14.1.17. Checking of Microprocessor controllers for operation.
- SW.14.1.18. Replacement of sheet metal parts (excluding Condenser coils, consumables & air filters).
- SW.14.1.19. Replacement of Condenser Coils & Air Filters.
- SW.14.1.20. Topping up of R407C Gas.
- SW.14.1.21. Repairs/replacement of electrical main incoming switch (Switch fuse unit), Main incoming cable, fuses, control transformers & indicating lamps.
- SW.14.1.22. **HVACs must have back to back OEM support.**

EXCLUSIONS:

- SW.14.1.23. Repairs/replacements of Water piping & accessories, Ducting, Dampers, Duct lining, grilles, False ceiling, and any kind of masonry / structural work.

SW.14.2. MAINTENANCE ACTIVITY FOR SPLIT & DUCT AC.

- SW.14.2.1. Checking of electrical connections at the machine terminals.
- SW.14.2.2. Dry Cleaning of filters coils.
- SW.14.2.3. Cleaning of Air Filter & Replace if required.
- SW.14.2.4. Oiling and greasing of motors.
- SW.14.2.5. Top-up of refrigerant.
- SW.14.2.6. Checking of operational performance parameters.
- SW.14.2.7. Repairing of cooling/condenser coils.
- SW.14.2.8. repair/replace all defective spares including compressor and fan motor.
- SW.14.2.9. Replacement of Compressor if required.

- SW.14.2.10. Repairing of PCBs and remote controls.
- SW.14.2.11. Repairing of Voltage Stabilizer and Timer.
- SW.14.2.12. Checking of pulleys, Motor mounts, and Condenser fan mounts etc.
- SW.14.2.13. In case of any fault, the replacement must be made through a similar or upgraded compatible device to ensure functionality of the overall system.

EXCLUSIONS:

- SW.14.2.14. Changing of any plastic material.

SW.15. MAINTENANCE ACTIVITY FOR BUILDING MANAGEMENT SYSTEM & NOVEC 1230 GAS CYLINDER. & FIRE EXTINGUISHERS.

- SW.15.1. Checking and maintenance of Building management system, Field Devices and their Components.
 - SW.15.2. Checking & cleaning up of Smoke Detectors
 - SW.15.3. Checking of operation and maintenance of Analogue Addressable Fire Alarm System and its components.
 - SW.15.4. Checking and maintenance of VESDA System and its components.
 - SW.15.5. Checking of functionality of Hooters, Fire Sounder, and Manual Call Points.
 - SW.15.6. Checking & Cleaning of Cameras & the systems associated with it.
 - SW.15.7. Checking of VESDA filter. Replacement will be done if required.
 - SW.15.8. Checking and maintenance of Access Control System and its components.
 - SW.15.9. Checking and maintenance of Water Leak Detection System & Rodent Repellent System and its.
 - SW.15.10. Checking and maintenance of CCTV Surveillance System and its components.
 - SW.15.11. Checking and maintenance of Public Address System and its components.
 - SW.15.12. Performing checkup of status of NOVEC gas cylinders, check up its load, pressure and ensuring its healthy operation and refilling whenever required. **One time FM200/ other gas refilling during CAMC Period (i.e. within three year) if required.**
 - SW.15.13. Performing checkups of the status of the fire extinguisher and ensuring its healthy operation.
- SW.1.1. BMS devices like CCTV, DC/DRC Biometric, Desigo systems etc. also are significantly old and completely obsoleted. Some of them are EOL/EOS products. In case of any fault, the replacement must be made through a similar or upgraded compatible device to ensure functionality of the overall system.**
- In case any of the above-mentioned equipment are non-repeatable or not available in market or become end of support, the entire system needs to be changed / replaced by the bidder to ensure functionality of the overall system.**

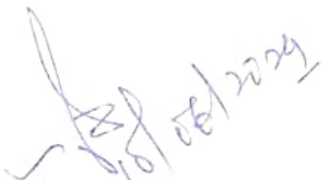
SW.16. REPORTING SYSTEM.

- SW.16.1. REPORTS are to be provided on Hourly/ Bi- Hourly / Daily/Weekly/ Monthly/ Quarterly/ Yearly for the Data Center In-Charge and the Disaster Recovery Center or as desired by WBSEDCL.
- SW.16.2. MIS will be submitted at the end of each quarter as per WBSEDCL requirements. Record of readings during maintenance activity will be maintained (Soft & hard copy) by the vendor and kept at the Data Center in

- the custody of the Data Center In-Charge and Disaster Recovery Center in the custody of DRC In-Charge.
- SW.16.3. Update of formats will be done with approval of WBSEDCL as per requirements
- SW.16.4. "No Fault Pending Report for the three months" duly signed by the DC In-Charge, of the DC and DRC respectively
- SW.16.5. Fault Details/Fault Response Details (indicating downtime of the equipment) for the three Months" duly signed by the In-Charge, of the DC and DRC respectively as per Annexure - VIII. The format will be updated time to time as per requirement of WBSEDCL.
- SW.16.6. Preventive maintenance reports of complete system will be updated quarterly basis and submitted to the In Charge of the DC and DRC respectively indicating equipment list to be maintained, date of maintenance, detail report of maintenance performance, remarks if any. Update of this maintenance format will be done time to time as per requirement of WBSEDCL and shall be submitted with the AMC Bills.
- SW.16.7. Proper files of all official data like, equipment manual, drawings, vendor escalation matrix etc. would be maintained at Data Center and Disaster Recovery Center.
- SW.16.8. Checking of BMS system & maintain data detail as per infrastructure provided for Data Center as well as Disaster Recovery Center.
- SW.16.9. Contracted Agency/Party shall maintain adequate books and records/reports in connection with Contract and shall make them available for inspection and audit by WBSEDCL/ any appointed third party until expiry of the contract, including any extension time.

Enclosure:

- | | | |
|-------------------|---|---------------------------------------------------------------|
| 1. Annexure-I | : | Bid Proposal |
| 2. Annexure-II | : | Mandatory Condition |
| 3. Annexure-IIA | : | Bid Details |
| 4. Annexure-IIB | : | Financial Details |
| 5. Annexure-IIC | : | Statement of orders executed During last five financial years |
| 6. Annexure- III | : | Manufacture's Authorization Form (MAF) |
| 7. Annexure IV | : | Service Level Agreement (SLA) |
| 8. Annexure-V | : | Format of BOQ in unpriced condition |
| 9. Annexure-VI | : | Proforma of Bank Guarantee for Bid Guarantee |
| 10. Annexure-VII | : | Format for Bank Guarantee for Contract Performance |
| 11. Annexure-VIII | : | Proforma for Additional Performance Guarantee |
| 12. Annexure- IX | : | Declarations |
| 13. Annexure- X | : | Agreement for Third Party Access Security Policy of WBSEDCL |
| 14. Annexure-XI | : | Non-Disclosure Agreement |
| 15. Annexure-XII | : | Annexure List Submission Status |
| 16. Annexure-XIII | : | Contract Agreement |
| 17. Annexure-XIV | : | Escalation Matrix |
| 18. Annexure-XV | : | Hardware Details |


 Chief Engineer, IT & C Cell
 WBSEDCL

ANNEXURE-I
West Bengal State Electricity Distribution Company Limited
Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024
BID PROPOSAL

From

Bidder's Name and Address :

Contact person :

Designation :

Telephone No (Land Line & mobile) :

Fax :

Tender Reference :

To

The Chief Engineer, IT & C Cell

West Bengal State Electricity Distribution Company Limited

3rd Floor, Block 'D', Vidyut Bhavan

Bidhannagar, Kolkata- 700 091

Sub: Selection of vendor for Comprehensive Annual Maintenance Contract (CAMC) of Critical & Non-Critical Non-IT Infrastructure for Central Data Center Rajarhat and Disaster Recovery Center, Berhampore, WBSEDCL at DC-DRC of WBSEDCL in (2+1) years mode..

Dear Sir,

We the undersigned bidder(s), having read and examined in details the specifications and other documents of the subject tender, do hereby propose to execute the contract as per specification set forth in your Bid-Documents. We have read and examined in details all the clauses mentioned in NIT including representative of the vendor, LD, PBG, Additional PBG, SoW, etc. and unconditionally agree with the same.

1 Prices & Validity:

1.1 The offer against tender will remain valid for a minimum period 180 (One hundred eighty) days from the next day of opening of the tender. We further declare that prices stated in our proposal are in accordance with your bidding and the quoted unit rates will remain firm throughout the period of the contract.

1.2 GST or its substitute tax as per the existing law or substituted law will be payable on over or above the quoted rate as applicable as per the rules prevailing in India.

2 Bid Guarantee:

We have enclosed a Bid Guarantee in the form of Bank Guarantee from drawn in favor of WBSEDCL / paid through online mode for an amount of Rs.....

3 Deviations:

We declare that contract shall be executed strictly in accordance with the specifications mentioned in the NIT and without any deviations. Further, we agree that additional conditions, deviations, if any, found in the proposal documents, shall not be given effect to.

4 Contract Performance Guarantee and Additional Contract Performance Guarantee:

We further agree that if our proposal is accepted, we shall provide a Contract Performance Guarantee of value, equivalent to 3 (three)% of the Contract Price as stipulated in Bid document in the form of Bank Guarantee in your favor and enter into a formal agreement with you within 45 (forty-five) days from the date of placement of Letter of Award. Additionally, if applicable, we shall provide an additional Contract Performance Guarantee equivalent to 10 (ten)% of tendered amount as per terms and conditions stipulated in NIT.

Dated.....this.....day of.....2024

Thanking you, we remain,

Yours faithfully,

Date _____

Place _____

(Signature) _____

(Printed Name) _____

(Designation) _____

(Common Seal) _____

Business Address:

Name & Address of Authorized Signatory:

ANNEXURE-II

West Bengal State Electricity Distribution Company Limited

Tender Notice No: WBSSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024

Mandatory Condition

(Instruction: It will be treated as reference for technical evaluation of bid. Incomplete or improperly submitted bid detail may lead to rejection of bid.)

Sl No.	Requisite Credential	Requisite Supporting document for the bidders
1	Annual Turn Over for each of last three consecutive financial years i.e 2020-2021, 2021-2022, 2022-23 must be at least 2.5 Crore . Net worth of each of the above years has to be positive.	Provide the turnover in a separate sheet with Auditor's signature along with following supporting document duly attested i. Audited Balance Sheet for consecutive 3 years as mentioned. ii. PL Account for consecutive 3 years as mentioned.
2	Financial Capability to handle a single Project of Rs. 1 Crore .	i) Statement of orders executed during last Three financial years i.e for financial years 2020-2021, 2021-2022, 2022-23 ii) Work order mentioning order reference from Ordering Authority.
3	Must have capability to provide Comprehensive Annual Maintenance Service as mentioned in the NIEt. The Bidder must have a Toll Free Number / contact no for service support where user shall log complaints. The Bidder should have site office facility available in Kolkata, West Bengal.	i. Relevant valid ISO Certification 9001:2015 & 14001:2015 ii. Centralized Electronic Call log-in facility along with Toll Free phone no/ contact no. iii. Address of Kolkata Office.
4	Must have experience of at least two similar projects showing Experience in AMC Service for similar Hardware and having a minimum value of Rs. 50 Lakhs (Rupees Fifty Lakhs only) in India during the last 03 years in Government/ Semi Government/ PSU/ Reputed Private Establishments.	Work order mentioning order reference from Ordering Authority with successful work completion/on-going Certificate to be enclosed.
5	Should be a partner of the OEMs (Jackson-Cummins & Woodward for DG /Vertiv for PAC and UPS) and should have back-end agreement with the Major OEMs (Jackson-Cummins & Woodward for DG and Vertiv for UPS and PAC) for entire contract period of 3 years.	MAF/ OEM certification confirming 03 years back to back support for PAC/UPS/DG/DG Panel.
6	Vendor should agree to repair / replace the defective equipment / materials under this NIEt with equipment / materials of Equivalent or higher specification of same make. The replaced equipment / material should run in WBSSEDCL's existing running system without any trouble. If repair is not possible then system replacement is mandatory.	Should submit Self Declaration.

Sl No.	Requisite Credential	Requisite Supporting document for the bidders
7	<p>The bidder should have its own Engineers for direct support.</p> <p>The bidder should assign Engineers in DC/DRC for 24*7* 365 support</p>	<p>ii) List of shift engineers/Project Manager with Detailed CV to be enclosed for the engineers who will be assigned to work at DC/ DRC. List of shift Engineers to be enclosed.</p> <p>iii) Project manager needs to have educational qualification of B.Tech in Electrical with relevant experience of handling Data Centre for minimum 05 years. Experience certificate to be attached. Project Manager should be available at site as and when required by WBSIEDCL.</p> <p>iv) Shift engineers needs to have minimum educational qualification of Diploma in Electrical.</p> <p>v) If required, WBSIEDCL may take interview of the Project Manager/ Shift Engineer.</p> <p>vi) Replacement of resources must be done with Similar / Higher qualified personnel.</p>
8	Bidder must Comply with all statutory obligations.	<p>Provide the following required nos. in a separate sheet (as per Annexure- IIA) duly attested with following supporting documents.</p> <p>i. Copy of PAN Card</p> <p>ii. GST certificate</p> <p>iii. Registration no of the company</p> <p>iv. Relevant valid ISO Certification 9001:2015 & 14001:2015</p>
9	The bidder shall have a site office in Kolkata and having operations in India for the last five years .	A documentary proof with complete address details and contact person details and Certificate of Incorporation.
10	The vendor shall maintain sufficient spare of equipment in spare-bank located at Kolkata/ West Bengal at his own cost for a total contract period.	Self declaration.
11	Must comply to the Conflict of Interest clause as mentioned in the tender.	Self declaration

N.B.: Each page of all the documents/copy of certificates should be submitted with attestation by the authorized signatory and with seal & date.

Signature of the bidder with Office Seal

Date-----

ANNEXURE-IIA

West Bengal State Electricity Distribution Company Limited

Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024

Bid Details

(Instruction: It will be treated as reference for technical evaluation of bid. Incomplete or improperly submitted bid detail may lead to rejection of bid.)

Sl. No	Power of Attorney from Bidder		Page No in technical Proposal
1	Name of the Bidder (Company Name)		
2	Power of Attorney		
3	Person Issuing Power of Attorney		
4	Signing Authority/Person for this bid		

Sl. No	Correspondence Details (will be used for communications related to this NIT)		Page No in technical Proposal
1	Contact Person		
	Email Id		
	Mobile No		
2	Telephone No		
	Correspondence Address		
3	Address of Kolkata office with Telephone No		

Legal Details of the Company			
Sl. No	Document Name	Number	Page No in technical Proposal
1	Corporate Identification Number (CIN)		
2	PAN No		
3	GST Registration No		
4	PF Registration No		
5	Company Registration No		

ISO Certification					
Sl. No	Name of Certificate	Name of Issuing Authority	Issued on Date	Valid Up to Date	Page No in technical Proposal
1	ISO 9001 :2015				
2	ISO 14001:2015				

Sl. No	Payment Confirmation for EMD (Earnest Money Deposit)		Page No in technical Proposal
1	Payment Mode (NEFT/RTGS/E-Challan/Bank Guarantee)		
2	UTR No/ Challan No/BG Number		
3	Scanned Copy (Payment Receipt)		
4	BG Details (will be used confirmation of BG from Issuing bank) as per Annexure -VI		
	i. Scanned Copy of BG		
	ii. BG Number		
	iii. BG Issue Date		
	iv. Issuing Bank Name		
	v. IFSC of Issuing Bank		
	vi. Email Id of Contact Person from Issuing bank for Confirmation of BG		

Whether agreed to Following (YES/NO):		
Sl. No	Name of the Clause	Yes/No
1	Terms of Payment	
2	Earnest Money clause	
3	Risk purchase clause	
4	Liquidated damage/ SLA clause	
5	Conflict of interest clause	
6	Price should be firm	
7	Offer valid up to 180 days from the date of opening of Technical Part of the Tender	

Signature of the bidder with Office Seal

Date-----

ANNEXURE-IIB**West Bengal State Electricity Distribution Company Limited****Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024****Financial Details****(Instruction: It will be treated as reference for technical evaluation of bid. Incomplete or improperly submitted bid detail may lead to rejection of bid.)**

Financial Statements - Balance Sheet			
Sl. No	Fiscal Year	Net Worth (in Lakh INR)	Page No in technical Proposal
1	2022-23		
2	2021-22		
3	2020-21		

Financial Statements - Profit & Loss Statement			
Sl. No	Fiscal Year	Profit & Loss Statement Submission Status (Yes/No)	Page No in technical Proposal
1	2022-23		
2	2021-22		
3	2020-21		

CA Certificate for Net Worth			
Sl. No	Fiscal Year	Net Worth (in Lakh INR)	Page No in technical Proposal
1	2022-23		
2	2021-22		
3	2020-21		

CA Certificate for Liquid Asset			
Sl. No	Fiscal Year	Liquid Asset (in Lakh INR)	Page No in technical Proposal
1	2022-23		
2	2021-22		
3	2020-21		

Income Tax Return			
Sl. No	Fiscal Year / Assessment Year	Submission Status (Yes/No)	Page No in technical Proposal
1	2022-23/2023-24		
2	2021-22/2022-23		
3	2020-21/2021-22		

S I. N o.	Certificate regarding Summary Statement of Yearly Turnover		Remarks
	Financial Year	Turnover rounded up to two digits after decimal (Rs. In Lakh)	
1	2022-23		
2	2021-22		
3	2020-21		
Total			
Average Turnover			

1. Average turnover is to be expressed in lakh of rupees, rounded up to two digits after decimal.
2. Average turnover for 3 years is to be obtained by dividing the total turnover by 3.0.

Signature of the bidder with Office Seal

Date-----

ANNEXURE-IIC
West Bengal State Electricity Distribution Company Limited
Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024

STATEMENT OF ORDERS EXECUTED DURING LAST FIVE FINANCIAL YEARS
(Instruction: It will be treated as reference for technical evaluation of bid. Incomplete or improperly submitted bid detail may lead to rejection of bid.)

Work Experience Details (Only relevant orders are to be listed)						
Sl. No	Duration in Year	Work Description	Order No with Date & Page No in technical Proposal	Name of Ordering Authority details & Details of Assignment	Order Value in INR.	Scanned Copy of Scanned Copy of LoA/ PO/ Successful Completion of the Order / Project Ongoing Certificate/ Confirmation Mail from order issuing authority submitted (YES/NO)
1	{e.g., Jan.2020-Apr.2022}		{e.g., LOA/PO No.}		{e.g., INR}	
2						
3						

NB: Scanned Copy of LoA/ PO/ Successful Completion of the Order / Project Ongoing Certificate/ Confirmation Mail from order issuing authority needs to be attached for each of the above order.

Signature of the bidder with Office Seal

Date-----

ANNEXURE-III

West Bengal State Electricity Distribution Company Limited
Tender Notice No: WBSSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024

Manufacture's Authorization Form (MAF)

Date: _____

Tender Reference No. & Tender ID. _____

Dear Sir,

We _____ (OEM) who are established and reputed manufacturers of _____ (Equipment) having Factories at _____ and _____ confirms that, M/s. _____ (Name and address of Bidder herein after called as partner) wishes to participate the Bid or Project stated above and enter into agreement for the purchase and resale of _____ (OEM) Products and, Service. The Partner is entitled and authorized to the following.

(a) Resale, and/or distribute _____ (OEM) products and/or services in India to end users within that Territory.

(b) Bid, negotiate and conclude a contract with _____ for the above products/services manufactured or supplied by _____ (OEM).

_____ (OEM) will, within the scope of its agreement with its authorized channels, provide product warranty services and technical support for _____ (OEM) products obtained through its authorized channels for a defect liability period mentioned in the Tender document referred above, from the date of installation at _____ (Work-site name).

_____ (OEM) certify that, the equipment being sold would not be declared End of Sale (EoS) within defect liability period and that

_____ (OEM) shall supply suitable substitute in case EoS of equipment. Also _____ (OEM) certifies that the products being sold would be covered under Warranty/Technical Support and technical support will be available for defect liability period from the date of installation at _____ (Work-site name).

If you need any additional information, please contact Mr./Ms. _____ at _____ (Mobile No.) of _____ (E-mail ID).

Yours faithfully,

Name of the person:
For and on behalf of M/s.

Designation:

Contract Details:

Date:

Place:

(Name of Original Equipment Manufacture- OM) (Seal of OEM)

ANNEXURE-IV
West Bengal State Electricity Distribution Company Limited
Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024
Service Level Agreement

The purpose of this SLA is to clearly define the levels of service to be provided by bidder to WBSEDCL for the duration of this contract or until this SLA has been amended. The SLA parameters are given in SLA table mentioned hereunder: -

SLA TABLE

Sl. No.	Process/ Incident Description	Clock Type	Priority details		Liquidated Damage/ Penalty
			Priority	Resolution time proposed	
1	Problem in non-IT critical equipment of DC. (PPC, PAC, DG set, 160 KVA UPS, 10 KVA UPS with battery bank, ATS, LT Panels, sensors and fire related equipments)	24*7	P1	4 hours	0.5% of the AMC charge/quarter/site for every hour beyond stipulated time (4 hours) or part thereof of delay until resolved subject to a maximum of 10% of the AMC Value/Quarter/site excluding man power cost for DC and DRC.
2	Problem in non-IT critical equipment of DRC. (PPC, PAC, DG set, 160 KVA UPS, 10 KVA UPS with battery bank, ATS, LT Panels, sensors and fire related equipments)	24*7	P2	6 hours	0.5% of the AMC charge/quarter/site for every hour beyond stipulated time (6 hours) or part thereof of delay until resolved, subject to a maximum of 10% of the AMC Value/Quarter/site excluding man power cost of DC and DRC.
3	Problem in non-IT non-critical equipment of DC and DRC.(all equipment other than sl no 1 and 2)	24*7	P3	24 Hrs	0.5% of the AMC charge/quarter/site for every hour beyond stipulated time (24 Hrs) or part thereof of delay until resolved, subject to a maximum of 10% of the AMC Value/Quarter/site excluding man power cost of DC and DRC.

4	Man power attendance of DC and DRC	24*7	P3	Shift of 8 Hrs	100% presence of manpower in 24x7x365 needs to be ensured at DC and DRC. 2% of the manpower cost/ Per shift/ Per site (DC/DRC) or part thereof will be deducted as LD amount for any absence of the manpower per site subject to maximum of 10% of the manpower cost of that concerned site.
---	------------------------------------	------	----	----------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

- a. **Liquidated Damage/ Penalty Deduction:** - In case of LD/Penalty imposed if any, the amount calculated from the above table shall be deducted/adjusted from any pending bills or from Performance Bank Guarantee of the bidder. In case of termination of LOA as per termination clause, WBSEDCL will engage third party for the maintenance of items and related service. The difference in cost of CAMC for engagement of third party will be deducted from outstanding bill /BG lying / to be lying with WBSEDCL.
- b. Bidder shall provide service as defined in Scope of Work, in accordance with the other clauses of the tender document.
- c. **Validity of SLA:-**This SLA shall be valid for entire period of contract (3 years) or until it will be amended. SLA may be reviewed and revised according to the need of WBSEDCL.
- d. The SLA will be measured on Quarterly basis.
- e. Service related calls will be logged by WBSEDCL officials/ selected CAMC bidder in CA Helpdesk/ E-mail. Details of the calls to be registered in the CA Helpdesk/ E mail.
- f. **Downtime Calculation:** The recording of downtime shall commence at the time of registering the call in CA Help Desk/ or Via E-mail for any downtime situation for the equipment. Downtime shall end when the problem is rectified. Down time will not be considered for Pre-scheduled preventive maintenance and health checks (Scheduled Downtime).
- g. **Breach of SLA:** In case the Supplier does not meet the service levels mentioned as mentioned above for three (3) continuous times WBSEDCL will treat it as a case of breach of SLA. The following steps will be taken in such a case: -
 - i) WBSEDCL will issues a show cause notice to the Bidder.
 - ii) Bidder should reply to the notice within three working days.
 - iii) If WBSEDCL authorities are not satisfied with the reply, WBSEDCL will initiate termination process as mentioned in the "Cancellation/ Termination of Order" Clause.

Exclusions: - Bidder will be exempted from any delays or slippages on SLA parameters due to any reason from WBSEDCL's side. Any such delays will be notified immediately to WBSEDCL.

We hereby confirm our acceptance of all terms and conditions of the above SLA.

(SIGNATURE OF THE TENDERER WITH OFFICE SEAL)

Dated-----

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: Chief Engineer, IT&C Cell, WBSEDCL

Annexure-V

Name of Work: Comprehensive Annual Maintenance Contract (CAMC) of Critical & Non-Critical Non-IT Infrastructure for Central Data Center Rajarhat and Disaster Recovery Center, Berhampore, WBSEDCL for the period of 3 years

Contract No: Tender Notice No: WBSEDCL/IT&C/33.10(i)/405 Dated: 10.06.2024

Bidder Name :								
<p align="center">PRICE SCHEDULE</p> <p align="center">(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)</p>								
NUMBER	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER	TEXT	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE per year In Figures To be entered by the Bidder Rs. P	GST (%)	HSN / SAC Code	TOTAL AMOUNT With Taxes for 03 years	TOTAL AMOUNT In Words
1	2	4	5	13	14	18	53	55
1	Disel Generator of 625 KVA, Make:- Jackson, Engine:- Cummins, Model:-CJ625D5P (DC)	2	Set				0.00	INR Zero Only
2	Disel Generator of 625 KVA, Make:- Jackson, Engine:- Cummins, Model:-CJ625D5P (DRC)	2	Set				0.00	INR Zero Only
3	Synchronising-cum-load managing panel of Make :- Woodward (DC)	1	Set				0.00	INR Zero Only
4	Synchronising-cum-load managing panel of Make :- Woodward (DRC)	1	Set				0.00	INR Zero Only
5	LT Panel of make EAP (Electro allied Products) (DC)	2	Set				0.00	INR Zero Only
6	LT Panel of make EAP (Electro allied Products) (DRC)	2	Set				0.00	INR Zero Only
7	PAC Panel of make EAP (Electro allied Products) with feeder particulars (DC)	2	Set				0.00	INR Zero Only
8	PAC Panel of make EAP (Electro allied Products) with feeder particulars (DRC)	2	Set				0.00	INR Zero Only
9	Precision Power Centre for 160 KVA UPS of make Emerson (DC)	2	Set				0.00	INR Zero Only
10	Precision Power Centre for 160 KVA UPS of make Emerson (DRC)	2	Set				0.00	INR Zero Only
11	A.C. Utility Panel of make :Electro Allied Products (EAP) (DC)	1	Set				0.00	INR Zero Only
12	A.C. Utility Panel of make :Electro Allied Products (EAP) (DRC)	1	Set				0.00	INR Zero Only
13	Utility Output DB for 10 KVA UPS of make: ABB (DC)	1	Set				0.00	INR Zero Only
14	Utility Output DB for 10 KVA UPS of make: ABB (DRC)	1	Set				0.00	INR Zero Only
15	LDB for Lighting points of make :ABB (DC)	2	Set				0.00	INR Zero Only
16	LDB for Lighting points of make :ABB (DRC)	2	Set				0.00	INR Zero Only
17	PDB for Power points of make : ABB (DC)	2	Set				0.00	INR Zero Only
18	PDB for Power points of make : ABB (DRC)	2	Set				0.00	INR Zero Only

Not To Be Quoted Here

19	1000A FP ATS with overlapping neutral and bypass circuit With BMS Compatibility in an enclosure with double input and single output : Make : Emerson (DC)	2	Nos				0.00	INR Zero Only
20	1000A FP ATS with overlapping neutral and bypass circuit With BMS Compatibility in an enclosure with double input and single output : Make : Emerson (DRC)	2	Nos				0.00	INR Zero Only
21	70A FP ATS with overlapping neutral in an enclosure with double input and single output : Make : Emerson (DC)	12	Nos				0.00	INR Zero Only
22	70A FP ATS with overlapping neutral in an enclosure with double input and single output : Make : Emerson (DRC)	12	Nos				0.00	INR Zero Only
23	32A DP Push type Starter Switch for Comfort AC units : Make : Schiender (DC)	10	Nos				0.00	INR Zero Only
24	32A DP Push type Starter Switch for Comfort AC units : Make : Schiender (DRC)	10	Nos				0.00	INR Zero Only
25	CABLE TRAYS (DC)	1	Lot				0.00	INR Zero Only
26	CABLE TRAYS (DRC)	1	Lot				0.00	INR Zero Only
27	POWER CABLES (DC)	1	Lot				0.00	INR Zero Only
28	POWER CABLES (DRC)	1	Lot				0.00	INR Zero Only
29	CONTROL CABLES details: 1100V grade multicore PVC insulated and sheathed armoured stranded copper conductor cables (DC)	1	Lot				0.00	INR Zero Only
30	CONTROL CABLES details: 1100V grade multicore PVC insulated and sheathed armoured stranded copper conductor cables (DRC)	1	Lot				0.00	INR Zero Only
31	Termination kits for Cable (DC)	1	Lot				0.00	INR Zero Only
32	Termination kits for Cable (DRC)	1	Lot				0.00	INR Zero Only
33	Switch, Sockets and wire installed in different lighting points and other electrical points (DC)	1	Set				0.00	INR Zero Only
34	Switch, Sockets and wire installed in different lighting points and other electrical points (DRC)	1	Set				0.00	INR Zero Only
35	INDUSTRIAL SOCKETS AND HOUSING of Make : Legrand (DC)	60	Nos				0.00	INR Zero Only
36	INDUSTRIAL SOCKETS AND HOUSING of Make : Legrand (DRC)	60	Nos				0.00	INR Zero Only
37	Earthing pits with 600 x 600 x 6mm Copper Plate earth upto 10 feet deep with all accessories (DC)	13	Nos				0.00	INR Zero Only
38	Earthing pits with 600 x 600 x 6mm Copper Plate earth upto 10 feet deep with all accessories (DRC)	13	Nos				0.00	INR Zero Only
39	160 KVA UPS : Make : Emerson, Model : Hipulse (12 Pulse) HX (DC)	2	Nos				0.00	INR Zero Only
40	160 KVA UPS : Make : Emerson, Model : Hipulse (12 Pulse) HX (DRC)	2	Nos				0.00	INR Zero Only
41	10 KVA UPS : Make : Emerson , Model : 7400 M	2	Nos				0.00	INR Zero Only
42	10 KVA UPS : Make : Emerson , Model : 7400 M	2	Nos				0.00	INR Zero Only
43	Precision Air Conditioning (PAC) Units of Libert PeX Model with inert gas based refrigerant in compliance to Kiyoto protocol each of 9.5 TR complete with instruments, gauges, microprocessor controller and other accessories complete for precision air-conditioning of electronic control equipment at data centre (DC)	12	Nos				0.00	INR Zero Only

Not To Be Quoted Here

44	Precision Air Conditioning (PAC) Units of Libert PeX Model with inert gas based refrigerant in compliance to Kiyoto protocol each of 9.5 TR complete with instruments, gauges, microprocessor controller and other accessories complete for precision air-conditioning of electronic control equipment at data centre (DRC)	12	Nos				0.00	INR Zero Only
45	Split type non-ductible Refrigeration Unit each of 1.5 TR with Air-cooled condensing unit, room unit, interconnecting refrigerant pipe, protection and temperature & humidity control panel, instruments, gauges and other accessories complete for air-conditioning of electronic control equipment at data centre rooms excepting Server Room and Electrical Room , Make : Bluestar (DC)	20	Nos				0.00	INR Zero Only
46	Split type non-ductible Refrigeration Unit each of 1.5 TR with Air-cooled condensing unit, room unit, interconnecting refrigerant pipe, protection and temperature & humidity control panel, instruments, gauges and other accessories complete for air-conditioning of electronic control equipment at data centre rooms excepting Server Room and Electrical Room , Make : Bluestar (DRC)	16	Nos				0.00	INR Zero Only
47	Building Management System : Make : Siemens (DC)	1	Set				0.00	INR Zero Only
48	Building Management System : Make : Siemens (DRC)	1	Set				0.00	INR Zero Only
49	Integrated Intelligent building management server software having capacity to accomodate points (hardware & software) and more with graphics user interface comprising of the various modules (DC)	1	Set				0.00	INR Zero Only
50	Integrated Intelligent building management server software having capacity to accomodate points (hardware & software) and more with graphics user interface comprising of the various modules (DRC)	1	Set				0.00	INR Zero Only
51	Field Device (DC)	1	Set				0.00	INR Zero Only
52	Field Device (DRC)	1	Set				0.00	INR Zero Only
53	ANALOGUE ADDRESSABLE FIRE ALARM SYSTEM (DC)	1	Set				0.00	INR Zero Only
54	ANALOGUE ADDRESSABLE FIRE ALARM SYSTEM (DRC)	1	Set				0.00	INR Zero Only
55	SAPPHIRE - FIRE SUPPRESSION SYSTEM (DC)	1	Lot				0.00	INR Zero Only
56	SAPPHIRE - FIRE SUPPRESSION SYSTEM (DRC)	1	Lot				0.00	INR Zero Only
57	VESDA SYSTEM (DC)	1	Set				0.00	INR Zero Only
58	VESDA SYSTEM (DRC)	1	Set				0.00	INR Zero Only
59	ACCESS CONTROL SYSTEM (DC)	1	Set				0.00	INR Zero Only
60	ACCESS CONTROL SYSTEM (DRC)	1	Set				0.00	INR Zero Only
61	WATER LEAK DETECTION SYSTEM & RODENT REPELLENT SYSTEM (DC)	1	Set				0.00	INR Zero Only
62	WATER LEAK DETECTION SYSTEM & RODENT REPELLENT SYSTEM (DRC)	1	Set				0.00	INR Zero Only
63	CCTV SERVELLIANCE SYSTEM (DC)	1	Set				0.00	INR Zero Only
64	CCTV SERVELLIANCE SYSTEM (DRC)	1	Set				0.00	INR Zero Only

65	PUBLIC ADDRESS SYSTEM (DC)	1	Set				0.00	INR Zero Only
66	PUBLIC ADDRESS SYSTEM (DRC)	1	Set				0.00	INR Zero Only
68	Manpower Cost- DC (24*7*365)	1	No				0.00	INR Zero Only
69	Manpower Cost- DRC (24*7*365)	1	No				0.00	INR Zero Only
70	200 KVA UPS , Make: Vertiv, Model EXM (from 16.02.2025)	2	No				0.00	INR Zero Only
71	Detailed Hardware breakup to be referred from Annexure V. Mention GST (%) and HSN/SAC Code Properly							
Total in Figures							0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only						

Not To Be Quoted Here

ANNEXURE-VI

West Bengal State Electricity Distribution Company Limited
Tender Notice No: WBSSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024
PROFORMA OF BANK GUARANTEE FOR BID GUARANTEE (Earnest Money)
(To be stamped in accordance with Stamp Act)

Ref. No. :

Date:

To

The West Bengal State Electricity Distribution Company Limited

Vidyut Bhawan

DJ Block, Sector - II

Salt Lake, Kolkata - 700 091

Dear Sirs,

In accordance with your Notice Inviting Tender (NIT) under your Specification No. _____ M/s _____ having its Registered Head Office at _____ (hereinafter called the Bidder) wish to participate in the said Tender for _____.

As an irrevocable Bank Guarantee against Bid Guarantee for an amount of _____ is required to be submitted by the Bidder as a condition precedent for participation in the said Tender, which amount is liable to be forfeited on the happening of any contingencies mentioned in the Tender Documents.

We, the _____ Bank at _____ having our Head Office at _____ (Address of Bank) guarantee and undertake to pay immediately on demand by West Bengal State Electricity Distribution Company Limited the amount of _____ (in words and figures) without any reservation, protest, demur and recourse. Any such demand made by said Purchaser shall be conclusive and binding on us irrespective of any dispute of difference raised by the Bidder.

This Guarantee shall be irrevocable and shall remain valid up to ** _____. If any further extension of this guarantee is required, the same shall be extended to such required period on receiving instructions from M/s _____ on whose behalf this Guarantee is issued.

All rights of West Bengal State Electricity Distribution Company Limited under this Guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities there under unless WBSSEDCL enforce a claim under this Guarantee against the Bank within three months from the above mentioned expiry date of validity or, from that of the extended date.

In witness whereof the Bank, through its authorized Officer, has set its hand and stamp on this _____ day of _____ 2024 ____ at _____.

WITNESS:

(Signature)

(Signature)

(Name)

(Name)

(Official address)

(Designation with Bank Stamp)

Attorney as per Power of

Attorney No. _____

Date _____

** This date should be initially for one hundred eighty (180) days and may be extended from time to time.

ANNEXURE-VII

West Bengal State Electricity Distribution Company Limited
Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024
Proforma for Bank Guarantee for Contract Performance
(To be stamped in accordance with Stamp Act)

Bank Guarantee No. _____

Ref No. _____

Date: _____

To

The West Bengal State Electricity Distribution Company Limited,
Vidyut Bhavan, Salt Lake,
DJ Block, Sector-II,
Kolkata -700 091 (India).

Dear Sir,

In consideration of West Bengal State Electricity Distribution Company Limited (hereinafter referred to as WBSEDCL) which expression shall unless repugnant to the context or meaning thereof include its successors, administrators and assigns having awarded to M/s _____ with its Registered/Head Office at _____ (hereinafter referred to as the 'Contractor') which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns, a Contract by issue of Order No. _____ dated _____ valued at _____ for _____ (Scope of Contract) and the Contractor having agreed to provide a Contract Performance Guarantee for the faithful performance of the entire Contract equipment to *-----%(percent) of the value of the entire system vide Order No. _____ date _____ (reference of original order), against Contract to WBSEDCL.

We _____ (Name and Address) having its Head Office at _____ hereinafter referred to as the 'Bank') which expression shall, unless repugnant to the context or meaning thereof include its successors, administrators, executors and assigns do hereby guarantee and undertake to pay WBSEDCL, on demand any and all moneys payable by the Contract to the extent of _____ as aforesaid at any time upto (day/month/year) without any demur, reservation, contest recourse or protest and or without any reference to the Contractor. Any such demand made by WBSEDCL on the Bank shall be conclusive and binding notwithstanding any difference between WBSEDCL and the Contractor or any dispute pending before any before any Court, Tribunal or any other Authority. The Bank undertakes not to revoke this guarantee during its currency without previous consent of WBSEDCL and further agrees that the guarantee herein contained shall continue to be enforceable till the WBSEDCL discharges this guarantee.

WBSEDCL shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time extend the time for performance of the Contract by the Contractor. WBSEDCL, shall have the fullest liberty, without affecting this guarantee to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the Contractor and to exercise the same at any time and any manner, and either to enforce or to forbear to enforce any covenants, contained or implied in the Contract between WBSEDCL and the Contractor or any other course of remedy or security available to WBSEDCL. The Bank shall not be released of its obligations under this presents by any exercise by WBSEDCL of its liberty with reference to the matters aforesaid or any of them or by reason or any other acts of omission or commission on the part of WBSEDCL or any other indulgence shown by WBSEDCL or by any other matter or thing whatsoever which under the law would but for this provision have the effect of relieving the Bank.

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

This Guarantee shall be valid upto..... it comes into force with immediate effect and shall remain in force and valid for a period up to the time of completion of the work under the stated contract plus claim period of Six months for the Bank Guarantee.

Notwithstanding anything mentioned above our liability against this guarantee is restricted to Rs. (Rupees.) and unless a claim in writing is lodge if with us within the validity period i.e. upto..... of this guarantee all our liabilities under this guarantee shall cease to exist.

Dated this _____ day of _____ 2022 at _____

Witness:

(Signature)

(Name)

(Official address)

(Signature)

(Name)

(Designation with Bank Stamp)

Attorney as per Power of

Attorney No. _____

Date _____

ANNEXURE-VIII

West Bengal State Electricity Distribution Company Limited
Tender Notice No: WBSSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024
Format of Bank Guarantee for Additional Performance Security Deposit

To
The West Bengal State Electricity Distribution Company Limited,
Vidyut Bhavan, Salt Lake,
DJ Block, Sector-II,
Kolkata -700 091 (India).

WHEREAS..... (name and address of "the Contractor") Contractor) (hereafter called "the Contractor") has undertaken, in pursuance of Contract no. Dated..... to execute..... (name of Contract and brief description of Works (hereinafter called "the Contract").

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a Scheduled Commercial Bank for the sum specified therein for 'ADDITIONAL PERFORMANCE SECURITY DEPOSIT' for compliance with his obligation in accordance with the Contract;

NOW WHEREAS we.....(indicate the name of the bank and branch) have agreed to give the Contractor such a Bank Guarantee.

NOW THEREFORE we..... (indicate the name of the bank & branch) hereby affirm that we are the Guarantor and responsible to you on behalf of the Contractor, upto a total of Rs.(amount of guarantee)(in words). We undertake to pay you, upon your first written demand and without cavil of argument, a sum within the limits of.....(amount of guarantee) as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We (indicate the name of the bank and branch) hereby waive the necessity of your demanding the said debt from the contractor before presenting us with the demand.

We..... (indicate the name of the bank and branch) further agree to pay to you any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal.....the present absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment, We (indicate the name of the bank and branch) further agree that no change or addition to or other modification of the terms of the Contract or of the works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

We..... (indicate the name of the bank and branch) lastly undertake not to revoke this guarantee except with the previous consent of you in writing.

This Guarantee shall be valid upto..... it comes into force with immediate effect and shall remain in force and valid for a period up to the time of completion of the work under the stated contract plus claim period of Six months for the Bank Guarantee.

Notwithstanding anything mentioned above our liability against this guarantee is restricted to Rs..... (Rupees.) and unless a claim in writing is lodge if with us within the validity period i.e. upto.....of this guarantee all our liabilities under this guarantee shall cease to exist.

Signed and sealed thisdayof 2022.....at

SIGNED, SEALED AND DELIVERED

by:

For and on behalf of the BANK

(Signature)

(Name)

(Designation),

(Code Number),

Address

NOTE (1) The bank guarantee should contain number of the officer(s) signing the guarantee.

The address, telephone number and other details of the Head Office of the Bank as well as of issuing Branch should be mentioned on the covering letter issuing Branch.

ANNEXURE-IX

West Bengal State Electricity Distribution Company Limited
Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024
Declarations

From

Bidder's Name and Address :

Contact person :

Designation :

Telephone No (Land Line & mobile) :

Fax :

Tender Reference :

To

The Chief Engineer, IT & C Cell
West Bengal State Electricity Distribution Company Limited
3rd Floor, Block 'D', Vidyut Bhavan
Bidhannagar
Kolkata- 700 091

Sub: Supply, Delivery, Installation & Commissioning and Synchronization of 4 Nos of PACs with existing PACs at Data Centre Rajarhat, WBSEDCL including 5 Years warranty Services.

Dear Sir,

We the undersigned Bidder (s), having read and examined in details the specifications and other documents of the subject tender, do hereby propose to execute the contract as per specification set forth in your bid-document. In this regard we solemnly declare and agree to following points: -

1. M/s ----- (Name of the bidder) has not been blacklisted or involved in any forgery/data leak from any Government or reputed private organization across India in last three years.
2. M/s ----- (Name of the bidder) has a valid ISO 9001:2015 for Information Security Management as on bid submission date.
3. All documents/information/Credentials submitted by Ms/----- (Name of the bidder) along with this bid are genuine, authentic, correct true and valid.
4. None of the Partners of our firm is relative of employee of -----
--- (Name of the Company).

5. If any information and document submitted is found to be false/ incorrect any time, WBSEDCL may cancel my bid 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.
6. We, M/s _____ declare that, will establish a project management office at Kolkata (if not available) for continuing the service from Kolkata within 3 months from the placement of LOA.

Non-compliance of any of the above, if comes in the notice of WBSEDCL, may invite imposition of penal measures (like black-listing, forfeiture of EMD BG or PBG, etc.) as deemed fit by WBSEDCL

Dated.....this.....day of.....2024

Thanking you, we remain,

Yours faithfully,

Date _____

Place _____

(Signature) _____

(Printed Name) _____

(Designation) _____

(Common Seal) _____

Business Address:

Name & Address of Authorized Signatory:

ANNEXURE-X

West Bengal State Electricity Distribution Company Limited
Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024
Agreement for Third Party Access Security Policy of WBSEDCL

Organization Name & Address:			Date:
First Name	Middle Name	Last Name	Department:
Designation:			
Third Party Access Security Policy			
<ul style="list-style-type: none">• User shall access only the appropriate physical area of the premises and appropriate information resource.• Users shall not access any information resources of WBSEDCL, without prior authorization of the concerned officials of WBSEDCL.• User shall not carry any Personal storage media like USB, Hard drives, Mobile phones, DVD/CDs into secured zones like Data Centre, Disaster Recovery Centre, SCADA Centers, Smart Grid Control Centre, etc.• Users shall not access any information resources without the presence of WBSEDCL's authorized personnel.• Any passwords and access privileges given shall not be disclosed to anyone inside and outside WBSEDCL's physical and logical boundaries.• Users shall not engage in abusive or improper use of information resources, which includes, but is not limited to, misuse of resource/ privileges, tampering with resource and unauthorized removal of resource components.• User shall not conduct or permit "hacking" activities. User shall not run "packet sniffers". Users shall not distribute computer viruses, Trojan horses, worms, or any other malicious software.			
I hereby declare that I have understood the information security practices followed at WBSEDCL, and I shall adhere to the procedures.			
<p align="center">(Signature of the Bidder)</p> <p>Date:</p> <p>Name of the Bidder:</p>			

ANNEXURE-XI

West Bengal State Electricity Distribution Company Limited

Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024

NON-DISCLOSURE AGREEMENT

This Non-Disclosure Agreement ("Agreement") dated Date, Month, Year ("Effective Date") is entered

BETWEEN

WBSEDCL a company incorporated under the provisions of Companies Act, 1956 and having its principal place of business at thereafter referred to as "....." which expression shall mean and include its executions, administrations, subsidiaries and assigns).

AND

M/s a company incorporated under the provisions of Companies Act, 2013/1956 and having its principal place of business at thereafter referred to as which expression shall mean and include its parent, affiliates subsidiaries and assigns) WBSEDCL and collectively referred as parties.

Purpose

WBSEDCL embarked on implementing information Security Management System (ISMS) which involves disclosure of application Landscapes of WBSEDCL which are presently hosted at Data Centre and Data Recovery Centre. Such information is sensitive and confidential in nature. To protect the said confidential information both the parties desire to sign this Non-Disclosure Agreement.

Disclosure of Confidential Information

Either party may disclose to the other party either orally or in any recorded medium, information comprising or relating to its/ or its subsidiaries or franchisees techniques; schematics; designs; contracts; financial information; ERP information; SAP Modules; client data; business affairs; operations; strategies; inventions; methodologies; technologies; employees; subcontractors; pricing; service proposals; methods of operations; procedures; products and / or services (Confidential Information). Confidential Information shall include all nonpublic information furnished, disclosed or transmitted regardless its source.

Confidentiality

Either party shall use the Confidential Information solely in furtherance of the actual potential business relationship between the parties. The parties shall not use the Confidential Information in any way that is directly or indirectly detrimental to the other party and shall not disclose the Confidential Information to any unauthorized third party.

Parties shall ensure that access to Confidential Information is granted only to those of its employees or agents ("Representatives") who have a demonstrated need to know such information in order to carry out the business purpose of this Agreement. Prior to disclosing any Confidential Information to such /Representatives, party shall inform them of the confidential nature of the information and their obligation to refrain from disclosure of the Confidential Information. Each party and its Representatives will take all reasonable measures to maintain the confidentiality of the Confidential Information, but in no. event less than the measures it uses for its own information of similar type. Parties and its Representatives shall not disclose to any person including, without limitation, any corporation, sovereign, partnership, limited liability company, entity or individual(i) the fact that any investigations, discussions or negotiations are taking place concerning the actual or potential business relationship between the parties, (ii) that it has requested or received Confidential information, or (iii) any of the terms, conditions or any other fact about the actual or potential business relationship.

Each party and its Representatives will immediately notify the other party of any use or disclosure of the Confidential information that is not authorized by this Agreement. Each party and its Representatives will use its best efforts to assist the other party in remedying any such unauthorized use or disclosure of the Confidential Information. Either Party shall implement and follow the rules as laid down in the information Technology (Reasonable Security Practices and Procedures and Sensitive Personal Data or Information) Rules, 2011 as and where apply.

The obligations contained under the agreement will not apply to the extent that either Party can demonstrate that the Confidential information: (a) was part of the public domain at the time of disclosure or properly became party of the public domain, by publication or otherwise; (b) was rightfully acquired by Receiving Party prior to disclosure by Disclosing Party; (c) was independently developed by Receiving Party or its Representatives without reference to the Confidential information; or (d) is required to be disclosed by a government agency or by a proper court of competent jurisdiction; provided; however, that Receiving Party and its Representatives shall provide Disclosing Party prompt prior written notice of such requirement, shall consult with and assist Disclosing Party in obtaining a protective order prior to such disclosure, and shall only disclose the portion of Confidential information which it has been advised by written opinion of counsel is legally required to be disclosed and shall use its best efforts to obtain assurance that confidential treatment will be accorded such information if the protective order is not obtained or if Disclosing Party waives disclosure of such information.

Ownership of Material/No Warranty

Each Party retains all rights, title and interest to its confidential information. No license under any trademark, patent or copyright, or application for same which are now or thereafter may be obtained by the other Party is either granted or implied by the disclosure of confidential information.

Term

This Agreement shall terminate years from the Effective Date. Receiving Party's obligations with respect to confidentiality shall expire after years from the date of disclosure.

Return of Confidential information

Upon written request of either Party, Parties and its Representatives shall promptly return to the other Party all copies of Confidential information in its possession including all copies of any analyses, compilations, studies or other documents prepared by Receiving Party or its Representatives containing or reflecting any Confidential information. Either Party shall clarify in writing that it and its Representatives have returned all such information to the other Party.

General

(a) This Agreement shall be governed by and construed in accordance with the applicable laws of India.

(b) Either Party agrees that breach of the provisions of this Agreement by any Party will cause the other Party and irreparable damage for which recovery of money damages would be made in court of law' is Kolkata inadequate. Receiving Party and its Representatives hereby irrevocably and unconditionally consent to submit to the exclusive jurisdiction of the courts of Kolkata, West Bengal for any actions, suits or proceedings arising out of a relating to this Agreement and the transactions contemplated hereby (and agree not to commence any action, suit or proceeding relating thereto except in such courts), and further agree that service of any process, summons, notice 'or document by registered mail or tracked courier service to the address set for the above shall be effective service of process for any action, suits or proceeding brought against Receiving Party and its Representatives in any such court.

(c) Neither party may assign any of its rights or obligations under this Agreement without the prior written consent of the other party. This Agreement shall be binding upon and inure to the benefit of the parties permitted successors and assigns.

(d) This Agreement may be amended or supplemented only by a writing that is signed by duly authorized representatives of both parties.

(e) No terms or provision hereof will be considered waived by either party, and no breach excused by it, unless such waiver or consent is in writing signed an authorized representative of the non-breaching party. No consent to, or waiver of, a breach by a party, whether express or implied, will constituted a consent to, waiver of, or excuse of any other, different, or subsequent breach.

(f) If any part of this Agreement is found invalid or unenforceable, that par will be amended to achieve as nearly as possible the same economic and legal effect as the original provision and the remainder of this Agreement will remain in full force.

(g) This Agreement constituted the entire agreement between the parties relating to this subject matter and supersedes all prior or simultaneous representations, discussions, negotiations, and agreements, whether written or oral, in the instant subject matter.

IN WITNESS WHEREOF the parties have executed these presents on the day, month and year first above written.

Signed, Sealed and delivered by:

Shri.....representing

WBSIEDCL in presence of:

Witness:

1)

Authorized signature with
designation and seal

Signed, Sealed and delivered by:

Shri.....representing

M/S..... in presence of:

Witness:

1)

Authorized signature with
designation and seal

ANNEXURE-XII

West Bengal State Electricity Distribution Company Limited

Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024

Annexure List Submission Status

Signed Documents as per NIT and corresponding Annexures with Seal of Bidder			
Sl. No	Document Details	Submission Status (Yes/No)	Page No in technical Proposal
1	Signed Copy of Complete NIT with Annexures		
2	Signed Copy of Addenda/Corrigendum, if any		
3	Signed Copy of all Annexures (Annexure-I to Annexure XV)		

Dated.....this.....day of.....2024

Thanking you, we remain,

Yours faithfully,

Date _____

Place _____

(Signature) _____

(Printed Name) _____

(Designation) _____

(Common Seal) _____

Business Address:

Name & Address of Authorized Signatory:

ANNEXURE-XIII
West Bengal State Electricity Distribution Company Limited
Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024
Contract Agreement

This agreement is made at KOLKATA on this _____ day of,(Month) 2022 between:

WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED, registered under the Companies Act 1956, having its registered office at "Vidyut Bhavan", Block-DJ, Sector-II, Salt Lake City, Kolkata- 700 091 (hereinafter referred to as WBSEDCL, which term shall be deemed to mean and include its successors and assigns) of the first part

And

M/s(Name of the Company), registered under the Companies Act 1956 as per laws of India, having its registered office at (hereinafter referred to as ".....", which expression shall, unless it be repugnant to the subject or context thereof, mean and include its successors and assigns) of the OTHER PART:

(WBSEDCL and M/s are hereinafter referred to collectively as "Parties" and individually as "Party", wherever the context so admits.)

Reference:

1. Supply, Delivery, Installation & Commissioning and Synchronization of 4 Nos of PACs with existing PACs at Data Centre Rajarhat, WBSEDCL including 5 Years warranty Services. NIT No WBSEDCL/ IT & C /33.10(i) /XXX Dated XX/09/2023
2. Letter of Award (LoA) placed by WBSEDCL on M/ s vide Memo No WBSEDCL/IT&C /33.10(i) /XXXX Dated. XX.XX. XXXX

This agreement is entered into by above mentioned parties for PAC replacements activity services in WBSEDCL for the period, quantity, terms and conditions guided by above mentioned NIT & LoA.

M/shereby agrees to adhere to all the clauses mentioned in NIT & LoA.

In WITNESS WHEREOF the parties hereto have executed this agreement on the _____ Day of(Month), 2022 herein above mentioned.

In the presence of (Witness)

(1)

(2)

Signed, sealed and delivered by the
within named M/sby the hands of
its authorised signatory

In the presence of (Witness)

(1)

(2)

Signed, sealed and delivered by the
within named WBSEDCL by the
hands of its authorized signatory

ANNEXURE-XIV
West Bengal State Electricity Distribution Company Limited
Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024
Escalation Matrix

Level of Escalation	Name of the Associate	Designation	Contact No	Email	Requirements
Single Point of Contact (SPOC)					Project head
Level 1 Escalation					Should be at least one step higher than project head
Level 2 Escalation					Should be at least two step higher than project head
Level 3 Escalation					Not below the rank of Regional head

Dated.....this.....day of.....2024

Thanking you, we remain,

Yours faithfully,

Date _____

Place _____

(Signature) _____

(Printed Name) _____

(Designation) _____

(Common Seal) _____

Business Address:

Name & Address of Authorized Signatory:

				Annexure - XV
Material Details of Non-IT Equipment including software for DC and DRC				
SI No	Material Details	Quantity	Unit	Location
1	Disel Generator of 625 KVA, Make:- Jackson, Engine:- Cummins, Model:- CJ625D5P having details as : 630KVA / 504 KW at 0.8 PF 415V 3 Ph 50 Hz Diesel Generating Set continuously rated for unlimited no.of hours @ 100% load factor including all accessories complete with: i) Rubber-in-shear vibration mounts ii) Starting battery & leads & charger panel iii) Residential duty silencer with flanges. iv) Flexible connections v) Foundation bolts vi) Radiator heat exchanger with all accessories vii) Auto DG Synchronisation Kit and Auto Load dependent start stop system. viii) 100 mm dia exhaust pipe : 50 Mtr ix) 150 mm dia exhaust pipe complete with: 150 Mtr	2	Sets	DC
2	Disel Generator of 625 KVA, Make:- Jackson, Engine:- Cummins, Model:- CJ625D5P having details as : 630KVA / 504 KW at 0.8 PF 415V 3 Ph 50 Hz Diesel Generating Set continuously rated for unlimited no.of hours @ 100% load factor including all accessories complete with: i) Rubber-in-shear vibration mounts ii) Starting battery & leads & charger panel iii) Residential duty silencer with flanges. iv) Flexible connections v) Foundation bolts vi) Radiator heat exchanger with all accessories vii) Auto DG Synchronisation Kit and Auto Load dependent start stop system. viii) 100 mm dia exhaust pipe : 50 Mtr ix) 150 mm dia exhaust pipe complete with: 150 Mtr	2	Sets	DRC
3	Synchronising-cum-load managing panel of Make :- Woodward, Synchronisation, Logic Control (PLC Based) in IP42 with generator control unit MS Enclosure Powder coated to be mounted separately with all necessary components and accessories	1	Set	DC
4	Synchronising-cum-load managing panel of Make :- Woodward, Synchronisation, Logic Control (PLC Based) in IP42 with generator control unit MS Enclosure Powder coated to be mounted separately with all necessary components and accessories	1	Set	DRC
5	LT Panel of make EAP (Electro allied Products) with 1 No Incomer of 1000A 4P EDO ACB 50KA having communication port RS 485 and 1No 250KA TVSS and outgoing feeders of 400A TP MCCB 35A: 2 Nos. (as an additional feeder as spare), 400A TP MCCB 35KA : 2Nos ((For PAC Panel & 160 KVA UPS), 160A TP MCCB 35KA : 1No (For Utility Panel), 40A 4P MCB : 2Nos (For 10 KVA UPS and Spare) and With Load Manager, Phase , On, Off and Trip Indicators and with 1200A 4P Copper Bus Bar	2	Sets	DC
6	LT Panel of make EAP (Electro allied Products) with 1 No Incomer of 1000A 4P EDO ACB 50KA having communication port RS 485 and 1No 250KA TVSS and outgoing feeders of 400A TP MCCB 35A: 2 Nos. (as an additional feeder as spare), 400A TP MCCB 35KA : 2Nos ((For PAC Panel & 160 KVA UPS), 160A TP MCCB 35KA : 1No (For Utility Panel), 40A 4P MCB : 2Nos (For 10 KVA UPS and Spare) and With Load Manager, Phase , On, Off and Trip Indicators and with 1200A 4P Copper Bus Bar	2	Sets	DRC

Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024

7	PAC Panel of make EAP (Electro allied Products) with following feeder particulars Incomer : 400A 4P MCCB 35KA : 1No. with communication port RS 485 and 1No 160KA TVSS Outgoing: 63A 4P MCB : 10Nos. (For 8 Nos 8TR PAC and spare) 40A 4P MCB : 6Nos. (For 4 Nos 8TR PAC and spare) With Load Manager, Phase , On, Off and Trip Indicators and 600A 4P AL Bus Bar	2	Sets	DC
8	PAC Panel of make EAP (Electro allied Products) with following feeder particulars Incomer : 400A 4P MCCB 35KA : 1No. with communication port RS 485 and 1No 160KA TVSS Outgoing: 63A 4P MCB : 10Nos. (For 8 Nos 8TR PAC and spare) 40A 4P MCB : 6Nos. (For 4 Nos 8TR PAC and spare) With Load Manager, Phase , On, Off and Trip Indicators and 600A 4P AL Bus Bar	2	Sets	DRC
9	Precision Power Centre for 160 KVA UPS of make Emerson Incomer: 400A 4P MCCB 35KA : 1No. With with communication port RS 485 with 1No 200KA TVSS Outgoing: 32A DP MCB :- 50 Nos 16 No DP MCB :-30 Nos With Load Manager for all electrical parameters, Alarm Indicator, Phase ON, OFF and TRIP indicator and Branch circuit monitoring and 600A 4P Cu Bus Bar	2	Sets	DC
10	Precision Power Centre for 160 KVA UPS of make Emerson Incomer: 400A 4P MCCB 35KA : 1No. With with communication port RS 485 with 1No 200KA TVSS Outgoing: 32A DP MCB :- 50 Nos 16 No DP MCB :-30 Nos With Load Manager for all electrical parameters, Alarm Indicator, Phase ON, OFF and TRIP indicator and Branch circuit monitoring and 600A 4P Cu Bus Bar	2	Sets	DRC
11	A.C. Utility Panel of make :Electro Allied Products(EAP) having details as Incomer 160A 4P MCCB 35KA : 2Nos. with communication port RS 485 Buscoupler 160A 4P MCCB 35KA : 1No Outgoing 63A 4P MCB : 4Nos. (For 2 Nos PDB and spare), 40A 4P MCB : 4Nos. (For 2 Nos LDB and spare), 32A DP MCB : 16Nos. (For 10 Nos Comfort AC and spare) With Load Manager, Phase , On, Off and Trip Indicators 250A 4P AL Bus Bar	1	Set	DC
12	A.C. Utility Panel of make :Electro Allied Products(EAP) having details as Incomer 160A 4P MCCB 35KA : 2Nos. with communication port RS 485 Buscoupler 160A 4P MCCB 35KA : 1No Outgoing 63A 4P MCB : 4Nos. (For 2 Nos PDB and spare), 40A 4P MCB : 4Nos. (For 2 Nos LDB and spare), 32A DP MCB : 16Nos. (For 10 Nos Comfort AC and spare) With Load Manager, Phase , On, Off and Trip Indicators 250A 4P AL Bus Bar	1	Set	DRC

13	Utility Output DB for 10 KVA UPS of make: ABB 16 Way double door SPN DB Incomer 63A DP MCB : 1No. Outgoings 10A SP MCB:12Nos.(for Emergency Light, Security Load etc.) 16A SP MCB : 4Nos. (for Computers etc.)	1	Set	DC
14	Utility Output DB for 10 KVA UPS of make: ABB 16 Way double door SPN DB Incomer 63A DP MCB : 1No. Outgoings 10A SP MCB:12Nos.(for Emergency Light, Security Load etc.) 16A SP MCB : 4Nos. (for Computers etc.)	1	Set	DRC
15	LDB for Lighting points of make :ABB having details of 8 way/phase TPN DB Double door Incomer 40A TPN MCB ; 1no. Outgoing 10A/16A SP MCB : 24 nos.	2	Sets	DC
16	LDB for Lighting points of make :ABB having details of 8 way/phase TPN DB Double door Incomer 40A TPN MCB ; 1no. Outgoing 10A/16A SP MCB : 24 nos.	2	Sets	DRC
17	PDB for Power points of make : ABB 8 way/phase TPN DB Double door Incomer 63A TPN MCB 1no. Outgoing : 10A/16A/32A SP MCB 24 nos.	2	Sets	DC
18	PDB for Power points of make : ABB 8 way/phase TPN DB Double door Incomer 63A TPN MCB 1no. Outgoing : 10A/16A/32A SP MCB 24 nos.	2	Sets	DRC
19	1000A FP ATS with overlapping neutral and bypass circuit With BMS Compatibility in an enclosure with double input and single output : Make : Emerson	2	Nos	DC
20	1000A FP ATS with overlapping neutral and bypass circuit With BMS Compatibility in an enclosure with double input and single output : Make : Emerson	2	Nos	DRC
21	70A FP ATS with overlapping neutral in an enclosure with double input and single output : Make : Emerson	12	Nos	DC
22	70A FP ATS with overlapping neutral in an enclosure with double input and single output : Make : Emerson	12	Nos	DRC
23	32A DP Push type Starter Switch for Comfort AC units : Make : Schiender	10	Nos	DC
24	32A DP Push type Starter Switch for Comfort AC units : Make : Schiender	10	Nos	DRC
25	CABLE TRAYS details 70mm x 450 mm wide MS perforated powder coated : 90 Mtr 70mm x 300 mm wide MS perforated powder coated : 80 Mtr 70mm x 200 mm wide MS perforated powder coated : 80 Mtr 50mm x 150 mm wide MS perforated powder coated : 50 Mtr	1	Lot	DC
26	CABLE TRAYS details 70mm x 450 mm wide MS perforated powder coated : 90 Mtr 70mm x 300 mm wide MS perforated powder coated : 80 Mtr 70mm x 200 mm wide MS perforated powder coated : 80 Mtr 50mm x 150 mm wide MS perforated powder coated : 50 Mtr	1	Lot	DRC

Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024

27	POWER CABLES details From Transformer to ATS , DG to Sync Panel, Sync Panel to ATS, ATS to DC LT Panel : 31/2C X 300 sqmm Al, XLPE, Armoured : 600 Mtr From DC LT Panel to PAC Panels : 31/2C X 240 sqmm Al, XLPE, Armoured: 70 Mtr From DC LT Panel to 160KVA UPS, UPS to PDU : 1C x 150 sqmm copper flexible : 300 Mtr From 10KVA UPS to Output DB : 1C x 16 sqmm copper flexible : 30 Mtr From DC LT Panel to 10KVA UPS : 1C x 10 sqmm copper flexible : 70 Mtr From DC LT Panel to Utility Panel : 4C X 50 Sqmm Copper arm Cable : 25 Mtr From PAC Panel to PEC C/O and then to PAC Units: 4C X 16 Sqmm Copper arm Cable : 180 Mtr From Utility Panel to 2Nos LDB : 4C X 6 Sqmm Copper arm Cable : 100 Mtr From Utility Panel to 2Nos PDB: 4C X 6 Sqmm Copper arm Cable: 100 Mtr From Utility Panel to Comfort AC : 3C X 6 Sqmm Copper arm Cable : 500 Mtr From PDU to Server Rack Cables : 3C X 6 sqmm Cu Flexible FRLS Cable : 1000 Mtr	1	Lot	DC
28	POWER CABLES details From Transformer to ATS , DG to Sync Panel, Sync Panel to ATS, ATS to DC LT Panel : 31/2C X 300 sqmm Al, XLPE, Armoured : 600 Mtr From DC LT Panel to PAC Panels : 31/2C X 240 sqmm Al, XLPE, Armoured: 70 Mtr From DC LT Panel to 160KVA UPS, UPS to PDU : 1C x 150 sqmm copper flexible : 300 Mtr From 10KVA UPS to Output DB : 1C x 16 sqmm copper flexible : 30 Mtr From DC LT Panel to 10KVA UPS : 1C x 10 sqmm copper flexible : 70 Mtr From DC LT Panel to Utility Panel : 4C X 50 Sqmm Copper arm Cable : 25 Mtr From PAC Panel to PEC C/O and then to PAC Units: 4C X 16 Sqmm Copper arm Cable : 180 Mtr From Utility Panel to 2Nos LDB : 4C X 6 Sqmm Copper arm Cable : 100 Mtr From Utility Panel to 2Nos PDB: 4C X 6 Sqmm Copper arm Cable: 100 Mtr From Utility Panel to Comfort AC : 3C X 6 Sqmm Copper arm Cable : 500 Mtr From PDU to Server Rack Cables : 3C X 6 sqmm Cu Flexible FRLS Cable : 1000 Mtr	1	Lot	DRC
29	CONTROL CABLES details: 1100V grade multicore PVC insulated and sheathed armoured stranded copper conductor cables	1	Lot	DC
30	CONTROL CABLES details: 1100V grade multicore PVC insulated and sheathed armoured stranded copper conductor cables	1	Lot	DRC
31	Termination kits for Cable details: Termination for 31/2C x 300 AYWY : 16 Nos Termination for 31/2C x 240 AYWY : 4 Nos Termination for 1C x 150 YY : 40 Nos Termination for 1C x 16 YY : 6 Nos Termination for 1C x 10 YY : 20 Nos Termination for 4C x 50 YWY : 4 Nos Termination for 4C x 16 YWY : 72 Nos Termination for 4C x 6 YWY : 8 Nos Termination for 3C x 6 YY : 120 Nos	1	Lot	DC
32	Termination kits for Cable details: Termination for 31/2C x 300 AYWY : 16 Nos Termination for 31/2C x 240 AYWY : 4 Nos Termination for 1C x 150 YY : 40 Nos Termination for 1C x 16 YY : 6 Nos Termination for 1C x 10 YY : 20 Nos Termination for 4C x 50 YWY : 4 Nos Termination for 4C x 16 YWY : 72 Nos Termination for 4C x 6 YWY : 8 Nos Termination for 3C x 6 YY : 120 Nos	1	Lot	DRC
33	Switch, Sockets and wire installed in different lighting points and other electrical points	1	Set	DC
34	Switch, Sockets and wire installed in different lighting points and other electrical points	1	Set	DRC

35	INDUSTRIAL SOCKETS AND HOUSING of Make : Legrand 32A DP+E Industrial Sockets and straight plugs of IP 44 type and of approved make in a sheet steel enclosure with 32A DP MCB	60	Nos	DC
36	INDUSTRIAL SOCKETS AND HOUSING of Make : Legrand 32A DP+E Industrial Sockets and straight plugs of IP 44 type and of approved make in a sheet steel enclosure with 32A DP MCB	60	Nos	DRC
37	Earthing pits with 600 x 600 x 6mm Copper Plate earth upto 10 feet deep with all accessories	13	Nos	DC
38	Earthing pits with 600 x 600 x 6mm Copper Plate earth upto 10 feet deep with all accessories	13	Nos	DRC
39	160 KVA UPS : Make : Emerson, Model : Hipulse (12 Pulse) HX	2	Nos	DC
40	160 KVA UPS : Make : Emerson, Model : Hipulse (12 Pulse) HX	2	Nos	DRC
	200 KVA UPS : Make : Vertiv, Model : Unity Factor UPS	2	Nos	DC
41	10 KVA UPS : Make : Emerson , Model : 7400 M	2	Nos	DC
42	10 KVA UPS : Make : Emerson , Model : 7400 M	2	Nos	DRC
43	Precision Air Conditioning (PAC) Units of Libert PeX Model with inert gas based refrigerant in compliance to Kiyoto protocol each of 9.5 TR complete with instruments, gauges, microprocessor controller and other accessories complete for precision air-conditioning of electronic control equipment at data centre i)Server Room in N+1 configuration ii)Power Room -I (UPS/Electrical Room) in N+1 configuration iii)Power Room -II (UPS/Electrical Room) in N+1 configuration	6	Nos	DC
44	Precision Air Conditioning (PAC) Units of Libert PeX Model with inert gas based refrigerant in compliance to Kiyoto protocol each of 9.5 TR complete with instruments, gauges, microprocessor controller and other accessories complete for precision air-conditioning of electronic control equipment at data centre i)Server Room in N+1 configuration ii)Power Room -I (UPS/Electrical Room) in N+1 configuration iii)Power Room -II (UPS/Electrical Room) in N+1 configuration	12	Nos	DRC
45	Split type non-ductible Refrigeration Unit each of 1.5 TR with Air-cooled condensing unit, room unit, interconnecting refrigerant pipe, protection and temperature & humidity control panel, instruments, gauges and other accessories complete for air-conditioning of electronic control equipment at data centre rooms excepting Server Room and Electrical Room , Make : Bluestar/ Havels / Carrier	20	Nos	DC
46	Split type non-ductible Refrigeration Unit each of 1.5 TR with Air-cooled condensing unit, room unit, interconnecting refrigerant pipe, protection and temperature & humidity control panel, instruments, gauges and other accessories complete for air-conditioning of electronic control equipment at data centre rooms excepting Server Room and Electrical Room , Make : Bluestar	16	Nos	DRC
BMS Details				
47	Building Management System : Make : Siemens i)Network Controller of Make: Siemens, 1 set ii)BACnet Router of Make : Siemens, 1 No iii)Integrator for Precision AC Units on MODBUS RTU protocol of Make : Euronet iv)Integration Software for UPS on MODBUS RTU protocol of Make : Euronet v)Integration Software for DG Sets on MODBUS RTU protocol of Make : Euronet	1	Set	DC
48	Building Management System : Make : Siemens i)Network Controller of Make: Siemens, 1 set ii)BACnet Router of Make : Siemens, 1 No iii)Integrator for Precision AC Units on MODBUS RTU protocol of Make : Euronet iv)Integration Software for UPS on MODBUS RTU protocol of Make : Euronet v)Integration Software for DG Sets on MODBUS RTU protocol of Make : Euronet	1	Set	DRC

49	<p>Integrated Intelligent building management server software having capacity to accomodate points (hardware & software) and more with graphics user interface comprising of the following modules A. Building Management Seamless integration modules of make : Euronet as: i)Fire alarm system Software Module , ii)Access Management software Module iii)CCTV system softwarebased integration iv)Third party- UPS, Load manager, Precesion AC, DG set integration on Modubus B.Integration Software for Fire Alarm, Access Control, with Graphic User Interface for Seamless Integration with the BMS Graphics of Make : Euronet</p>	1	Set	DC
50	<p>Integrated Intelligent building management server software having capacity to accomodate points (hardware & software) and more with graphics user interface comprising of the following modules A. Building Management Seamless integration modules of make : Euronet as: i)Fire alarm system Software Module , ii)Access Management software Module iii)CCTV system softwarebased integration iv)Third party- UPS, Load manager, Precesion AC, DG set integration on Modubus B.Integration Software for Fire Alarm, Access Control, with Graphic User Interface for Seamless Integration with the BMS Graphics of Make : Euronet</p>	1	Set	DRC
51	<p>Field Device i)Temperature cum Humidity Sensor with all mounting accessories of Make : Siemens, 6 Nos ii)2 core 1.5 sq.mm unscreened Armoured non FRLS cable of make : Teleflex, 1000 Mtr</p>	1	Set	DC
52	<p>Field Device i)Temperature cum Humidity Sensor with all mounting accessories of Make : Siemens, 6 Nos ii)2 core 1.5 sq.mm unscreened Armoured non FRLS cable of make : Teleflex, 1000 Mtr</p>	1	Set	DRC
53	<p>ANALOGUE ADDRESSABLE FIRE ALARM SYSTEM i) Addressable Fire Detection Panel : 1-loop panel, each loop can handle 125 detectors & 125 Modules, with power supply of make : Siemens, 1 no ii)Interface gateway of Make : NIC-C , 1 Nos iii)Addressable multielectric Smoke Detector of make : Siemens HFP-11, 105 Nos iv)Manuall Call Point of Make : HMS-S , 18 Nos v)Strobe cum hooter of make : MTH-MC-R , 14 Nos vi)Control module of make : HTRI-R , 30 Nos vii)Monitor module of make : HTRI-S , 5 Nos viii)FIM : 12 Nos ix)RI : 70 Nos x) Emergency Glow Sign of make : ISI, 1 No xi) 2-core, 1.5 sq. mm. Shielded armoured cable of make : Teleflex, 2200 Mtrs</p>	1	Set	DC

54	ANALOGUE ADDRESSABLE FIRE ALARM SYSTEM i) Addressable Fire Detection Panel : 1-loop panel, each loop can handle 125 detectors & 125 Modules, with power supply of make : Siemens, 1 no ii) Interface gateway of Make : NIC-C , 1 Nos iii) Addressable multielectric Smoke Detector of make : Siemens HFP-11, 105 Nos iv) Manuall Call Point of Make : HMS-S , 18 Nos v) Strobe cum hooter of make : MTH-MC-R , 14 Nos vi) Control module of make : HTRI-R , 30 Nos vii) Monitor module of make : HTRI-S , 5 Nos viii) FIM : 12 Nos ix) RI : 70 Nos x) Emergency Glow Sign of make : ISI, 1 No xi) 2-core, 1.5 sq. mm. Shielded armoured cable of make : Teleflex, 2200 Mtrs	1	Set	DRC
55	SAPPHIRE - FIRE SUPPRESSION SYSTEM i) Sapphire for server room and Electrical Room of make : Sinorix 1230 ii) Sapphire for BMS Room of make : Sinorix 1231	1	Lot	DC
56	SAPPHIRE - FIRE SUPPRESSION SYSTEM i) Sapphire for server room and Electrical Room of make : Sinorix 1230 ii) Sapphire for BMS Room of make : Sinorix 1231	1	Lot	DRC
57	VESDA SYSTEM i) Single Channel Air Sampling System For Server Room of make VLC - 55, 1No ii) PVC Pipe of Make : ISI iii) Fittings ngs and Supports : make : ISI, 1 Lot iv) 24 VDC Power Supply Unit : make : PS-2425, 1 Nos	1	Set	DC
58	VESDA SYSTEM i) Single Channel Air Sampling System For Server Room of make VLC - 55, 1No ii) PVC Pipe of Make : ISI iii) Fittings ngs and Supports : make : ISI, 1 Lot iv) 24 VDC Power Supply Unit : make : PS-2425, 1 Nos	1	Set	DRC
59	ACCESS CONTROL SYSTEM i) Advanced Central Controller of Make : Spectra, 1 No ii) Proximity Card Reader of Make : Spectra, 16 Nos iii) Proximity Card Reader with Fingerprint Reader of Make : Spectra, 6 nos iv) Electromagnetic Lock (Single leaf) of Make : EML-1101 +EB-LZ10, 5 Nos v) Magnetic contact of Make : EMC-205, 16 Nos vi) Electromagnetic Lock (Double leaf) of Make : EML1103 +EB-LZ10, 11 Nos vii) Proximity Card - Blank Face of Make : HID-1326, 100 Nos viii) Emergency Exit Switch of Make : ERS-G, 9 Nos ix) Panic Bar of Make : 1 No x) 4-core 0.8sq. mm. Shielded cable in PVC Conduit of Make : Teleflex, 1000 Mtrs xi) 8-core 0.8sq. mm. Shielded cable in PVC Conduit of Make : Teleflex, 1600 Mtrs	1	Set	DC

Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024

60	ACCESS CONTROL SYSTEM i) Advanced Central Controller of Make : Siemens, 1 No ii) Proximity Card Reader of Make : HID-6005, 16 Nos iii) Proximity Card Reader with Fingerprint Reader of Make : V-PROX, 6 nos iv) Electromagnetic Lock (Single leaf) of Make : EML-1101 +EB-LZ10, 5 Nos v) Magnetic contact of Make : EMC-205, 16 Nos vi) Electromagnetic Lock (Double leaf) of Make : EML1103 +EB-LZ10, 11 Nos vii) Proximity Card - Blank Face of Make : HID-1326, 100 Nos viii) Emergency Exit Switch of Make : ERS-G, 9 Nos ix) Panic Bar of Make : 1 No x) 4-core 0.8sq. mm. Shielded cable in PVC Conduit of Make : Teleflex, 1000 Mtrs xi) 8-core 0.8sq. mm. Shielded cable in PVC Conduit of Make : Teleflex, 1600 Mtrs	1	Set	DRC
61	WATER LEAK DETECTION SYSTEM & RODENT REPELLENT SYSTEM i) Water Leak Cable (10 mts each) of make WD-CS/10M, 15 Nos ii) Electronic Sounder 85db of make Lightak, 1 No iii) 4 Zone Water Leak Conventional Panel with Battery Charger & Battery with BMS integration of make Signet, 1 Lot iv) Rodent Repellent Console Units with Transducers suitable to cater all DC area. of make Maser, 1 nO	1	Set	DC
62	WATER LEAK DETECTION SYSTEM & RODENT REPELLENT SYSTEM i) Water Leak Cable (10 mts each) of make WD-CS/10M, 15 Nos ii) Electronic Sounder 85db of make Lightak, 1 No iii) 4 Zone Water Leak Conventional Panel with Battery Charger & Battery with BMS integration of make Signet, 1 Lot iv) Rodent Repellent Console Units with Transducers suitable to cater all DC area. of make Maser, 1 nO	1	Set	DRC
63	CCTV SERVELLIANCE SYSTEM i) 16 channel Digital Video Recorder (DVR) with Monitor, Make : SAMSUNG, 2 Nos ii) 1/3" Colour Dome Camera with 3.6/6 mm fixed lens for indoor application, complete with power supply unit of Make: CFD-480, 24 Nos iii) 4 Channel Video Streamer / Encoder of Make:Tracer lite, 6 nos iv) Rack for streamer of Make: ISI, 3 Nos v) Digital Video Management Software of Make : Euronet, 1 Lot vi) RG11. armoured of Make : Dlink, 2500 Mtrs vii) 2-core, 1.5 sq. mm. unscreened armoured non FRLS cable of Make : Teleflex, 1200 Nos viii) Bullet Cameras with power supply, Make : SAMSUNG, 4 Nos ix) Armored RG 6 Cables, 400 Mtrs x) BNC Connectors , 10 Nos	1	Set	DC
64	CCTV SERVELLIANCE SYSTEM i) 16 channel Digital Video Recorder (DVR) with Monitor, Make : SAMSUNG, 2 Nos ii) 1/3" Colour Dome Camera with 3.6/6 mm fixed lens for indoor application, complete with power supply unit of Make: CFD-480, 24 Nos iii) 4 Channel Video Streamer / Encoder of Make:Tracer lite, 6 nos iv) Rack for streamer of Make: ISI, 3 Nos v) Digital Video Management Software of Make : Euronet, 1 Lot vi) RG11. armoured of Make : Dlink, 2500 Mtrs vii) 2-core, 1.5 sq. mm. unscreened armoured non FRLS cable of Make : Teleflex, 1200 Nos	1	Set	DRC

Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024

65	PUBLIC ADDRESS SYSTEM i)6 watt each with line matching transformers of Make LBD8352/10, 36 Nos ii)Volume control units of Make LBC400/10, 1No iii)240 WATT Amplifier of Make LBD1935/00, 1No iv)Goose neck Microphone of Make LBB1949, 1No v)System controller with 4 Zone call station of Make LBB1990+/56/+57, 1No vi)Pre amplifier pre recorded voice generator of Make LBB1925, 1No vii)Professional grade DVD/ Cassete player of Make PLN-DVDT, 1No viii)Powder coated rack with wheels of Make ISI, 1No ix)Cable & Conduit : 2 core 1.5 sq mm twisted HFFR/ FRLS cu cable in yellow colour with conduit of Make Teleflex , 1800 Mtrs	1	Set	DC
66	PUBLIC ADDRESS SYSTEM i)6 watt each with line matching transformers of Make LBD8352/10, 36 Nos ii)Volume control units of Make LBC400/10, 1No iii)240 WATT Amplifier of Make LBD1935/00, 1No iv)Goose neck Microphone of Make LBB1949, 1No v)System controller with 4 Zone call station of Make LBB1990+/56/+57, 1No vi)Pre amplifier pre recorded voice generator of Make LBB1925, 1No vii)Professional grade DVD/ Cassete player of Make PLN-DVDT, 1No viii)Powder coated rack with wheels of Make ISI, 1No ix)Cable & Conduit : 2 core 1.5 sq mm twisted HFFR/ FRLS cu cable in yellow colour with conduit of Make Teleflex , 1800 Mtrs	1	Set	DRC

Tender Notice No: WBSEDCL/ IT & C /33.10(i)/405 dated 10.06.2024