

# WEBEL TECHNOLOGY LIMITED

## NOTICE INVITING e-TENDER

Online Tender documents are invited for Delivery & Installation of Hardware, Network and Others Items with 3 years warranty and support at Asansol Durgapur Development Authority (ADDA), 1St Administrative Building, City Centre, Durgapur - 713216

Reputed System Integrators having sufficient experience and credentials for successful completion of "Similar Nature" of work in a Government Department/PSU/Autonomous Body or any reputed organization. Bidder must have adequate Service Engineer for providing on-site warranty service within the stipulated time.

1.	Tender No. & Date	WTL/ADDA/HWNW/24-25/003 dated 05.07.2024
2.	Tender Version No.	1.0
3.	Brief description of Job	Delivery & Installation of Desktop, Printer, Scanner, CCTV, Video Conferencing System, UPS and Network Items with 3 years warranty and support at Asansol Durgapur Development Authority (ADDA), 1St Administrative Building, City Centre, Durgapur - 713216
4.	Tender Fee	Rs. 5000.00 (Rupees Five thousand only) The amount to be transferred online through e-Tender portal.
5.	Earnest Money Deposit	Rs. 130000.00 (Rupees One lakh thirty thousand only) The amount to be transferred online through e-Tender portal.
6.	Date of Downloading	05.07.2024
7.	Pre-Bid Meeting date & time	11.07.2024 at 12.00 Hrs. (On-Line Meeting) <ul style="list-style-type: none"><li>• Pre-Bid meeting will be organizing online platform only.</li><li>• Only queries as per format (Section - T) reaching WTL by 10.07.2024 at 15.00 Hrs. will be taken for decision.</li><li>• Interested bidders are requested to send mail to <a href="mailto:purchase@wtl.co.in">purchase@wtl.co.in</a> for participation of online prebid meeting. Based on request WTL will share meeting id / links for meeting. If there is any change in date and time, then bidders will be informed accordingly.</li></ul>
8.	Bid Submission Start date & time	17.07.2024 at 11.00 Hrs.
9.	Last date & time of EMD & Tender Fee submission	Before Uploading of Tender
10.	Last date & time of Bid Submission	22.07.2024 at 13.00 Hrs.
11.	Date & time of Technical Bid Opening	24.07.2024 at 13.00 Hrs.
12.	Venue of Pre-Bid Meeting	WEBEL TECHNOLOGY LIMITED (A Govt. of West Bengal Undertaking) Plot - 5, Block – BP, Sector – V, Salt Lake City, Kolkata – 700091.
13.	WTL Contact Person	033-23673403-06

## **WEBEL TECHNOLOGY LIMITED**

1. Intending bidder may download the tender documents from the website <https://wbtenders.gov.in> directly with the help of Digital Signature Certificate. Necessary Tender fee may be remitted electronically through e-tender portal in favour of “Webel Technology Limited” and also to be documented through e-filing. Necessary Earnest Money Deposit (EMD) may be remitted electronically through e-tender portal in favour of “Webel Technology Limited” and also to be documented through e-filing.
2. Both Techno Commercial Bid and Financial Bid are to be submitted concurrently duly digitally signed in the website <https://wbtenders.gov.in>
3. Tender documents may be downloaded from website and submission of Techno Commercial Bid and Financial Bid will be done as per Time Schedule stated in Section – C of this Tender Document.
4. The Financial Bid of the prospective Bidder will be considered only if the Techno Commercial Bid of the bidder is found qualified by the Tender Committee. The decision of the ‘Tender Committee’ will be final and absolute in this respect. The list of Qualified Bidders will be displayed in the website.
5. All clarifications / corrigendum will be published only on the WTL website and <https://wbtenders.gov.in>

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## **CONTENTS OF THE TENDER DOCUMENT**

The Tender document comprises of the following:

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SECTION – E	BID FORM
SECTION – F	TECHNO COMMERCIAL EVALUATION & AWARDDING OF CONTRACT
SECTION – G	GUIDANCE FOR E-TENDERING
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SECTION – L	BIDDER'S DETAILS
SECTION – N	MANUFACTURER'S AUTHORIZATION FORM
SECTION – O	LIST OF CLIENTS OF SIMILAR ORDERS
SECTION – P	PROFORMA FOR PERFORMANCE BANK GUARANTEE
SECTION – Q	SERVICE LEVEL AGREEMENT
SECTION – R	NIT DECLARATION FOR BIDDER
SECTION – S	NIT DECLARATION FOR OEM'S
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# **WEBEL TECHNOLOGY LIMITED**

## **SECTION – A**

### **SCOPE OF WORK & RESPONSIBILITY**

#### INTRODUCTION

Asansol Durgapur Development Authority (ADDA) intent to Delivery & Installation of Hardware and Network Items with 3 years warranty and support at Asansol Durgapur Development Authority (ADDA), 1St Administrative Building, City Centre, Durgapur - 713216

#### Details of Requirements

##### a) DETAILS OF SCOPE OF WORK (For System Integrator)

- 1) **Supply:** Entrusted bidder must supply and work as per work order. All supplies must be certified, new and RoHS compliant. Supplied components must satisfy the minimum guiding specifications and guidelines, as applicable, proprietary technology must be mentioned against each component. Bidder is allowed to propose only one make / model per system or software required for the proposed solution. Bids with optional offers would be summarily rejected.
- 2) **Installation, Integration & Implementation:** Delivery & Installation will be governed by the stated guidelines and associated standards & in line with the scope of work defined in this document. The delivery / supply of the materials done by successful Bidder at respective location only. The Post installation warranty supports are the sole responsibility of the Original Equipment Manufacture (OEM).
- 3) **Service Quality and Assurance:** Services within installation, warranty period must be rendered with OEM for hardware.
- 4) **Acceptance:** After successful Delivery & installation, installation reports prepare by WTL, signed and sealed by the appropriate authority designated by Asansol Durgapur Development Authority (ADDA), 1St Administrative Building, City Centre, Durgapur - 713216, WB
- 5) **Warranty:** All hardware component service items should have minimum warranty period of period i.e. 36 months from the date of final acceptance of the system by the user or 38 months from date of delivery, whichever is earlier. Within warranty period, entrusted OEM will replace, re-integrate faulty, buggy components.
- 6) **Delivery:** All materials are initially to be delivered at the locations mentioned in the Asansol Durgapur Development Authority (ADDA), 1St Administrative Building, City Centre, Durgapur – 71321. After necessary checking, testing, marking of the all materials under supervision of WTL, successful bidder will take necessary step to transport the material at installation site and take up the installation there at their own cost. Any sticker/ stationery item required to complete the marking will be provided by successful bidder.
- 7) **Warranty Certificate:** On successful installation bidder to get installed equipments with actual serial no. duly certified by respective OEM for Three years warranty coverage. Any change in equipment serial no. should be reflected in OEM website or OEM declaration in their Letter head. Final Bills will be submitted after completion of this activity.
- 8) **Service Level Agreement (SLA):** The SLA will be signed between WTL and selected bidder after issuing the final work order.

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## **SECTION – B**

### **ELIGIBILITY CRITERIA**

1. The bidder must be a company registered under Companies Act, 1956/2013 or Partnership or LLP or Proprietary Firm. Documentary (Certificate of incorporation/Relevant document) evidence to be submitted.
2. The bidder should have their presence in Kolkata with own office. Valid proof should be submitted along with the bid.
3. The bidder should have valid GST Registration Certificate & PAN. Bidder shall have to submit photocopy of the documents.
4. The bidder shall have executed “Similar Nature Work” of single order an amount not less than Rs. 1.00 (One) Crore in last three financial years (FY – 2020-21, 2021-22, 2022-23) in Government Department / PSU / Autonomous Body any reputed organization. References order copy for the project to be provided.

OR

The bidder shall have executed “Similar Nature Work” of two orders in total amount not less than Rs. 1.30 (One Point thirty) Crores in last three financial years (FY – 2020-21, 2021-22, 2022-23) in Government Department/PSU/Autonomous Body any reputed organization. References order copy for the project to be provided.

5. Bidder should have local call centre number. Call Centre details with number for Bidder to be submitted.
6. The bidder should have an average annual turnover of not less than Rs. 5.00 (Five) Crores in the last three financial years (FY – 2020-21, 2021-22, 2022-23). Bidder shall have to submit Audited Balance Sheet / Audited Accounts / Auditor Certificate in support of their claim.
7. Manufacturer’s tender specific authorizations for Desktop, Printer, Scanner, CCTV, Display, UPS and Network Items must be submitted as per format enclosed (Section - N)
8. The Bidder must have own Support Service Centre with manpower in Kolkata. Details to be submitted.
9. The bidder shall have Quality Certificate (ISO 9001:2015). Copy of valid Certificate to be submitted.
10. The bidder shall submit Bid Form (Section – E) duly signed by the authorized signatory of the company as per the format enclosed. Deviation in format may not be accepted.
11. Bidder shall submit NIT Declaration (Section - R) duly signed by the authorized signatory of the company as per the format. Deviation in format may not be accepted.
12. The bidder shall not have been blacklisted by any State/Central Government or PSU or bilateral/multilateral funding agencies for breach of ethical conduct or fraudulent practices as on date of submission of the proposal (as per DIT guidance note issued on 26-Dec-2011). Declaration on bidder’s letter head to be submitted.

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13. Bidder to ensure of one technical support personnel (with minimum 3 years working experience in relevant filed) for liaison with OEM / maintaining the tender specific Hardware along with OS for the entire warranty period i.e., 36 months from the date of final acceptance of the system by the user or 38 months from date of delivery, whichever is earlier). No separate cost for manpower will be chargeable. A declaration in this regard is to be submitted in bidder's letter head in original.
14. Respective OEM's shall submit NIT Declaration (Section – S) duly signed by the authorized signatory of the company as per the format. Deviation in format may not be accepted.

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## SECTION – C

### DATE AND TIME SCHEDULE

Sl. No.	Particulars	Date & Time
1	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	05.07.2024
2	Documents download/sale start date (Online)	05.07.2024
3	Last Date and time of sending the queries (Offline)	10.07.2024 at 15.00 Hrs.
4	Pre Bid Meeting (On Line)	11.07.2024 at 12.00 Hrs.
5	Corrigendum, if any will be published (On Line)	-
6	Bid Submission start date & time (On line)	17.07.2024 at 11.00 Hrs.
7	Last Date & time of submission of Earnest Money Deposit & submission of remittance details	Before Uploading of Tender
8	Last Date & time of submission of Tender Fee & submission of remittance details	Before Uploading of Tender
9	Bid Submission closing date & time (On line)	22.07.2024 at 13.00 Hrs.
10	Bid opening date & time for Technical Proposals (On line)	24.07.2024 at 13.00 Hrs.
11	Date of uploading the final list of Technically Qualified Bidder (online) after disposal of appeals, if any	-
12	Date for opening of Financial Bid (Online)	-

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## SECTION – D

### INSTRUCTION TO BIDDER

#### 1. DEFINITIONS

In this document, the following terms shall have following respective meanings:

**“Acceptance Test Document”** means a document, which defines procedures for testing the functioning of installed system. The document will be finalized with the contractor with in 7 days of issuance of the Letter of Award.

**“Bidder”** means any firm offering the solution(s), service(s) and /or materials required in the RFP. The word Bidder when used in the pre award period shall be synonymous with Bidder, and when used after award of the Contract shall mean the successful Bidder.

**“Contract”** is used synonymously with Agreement.

**“Contract Price”** means the price to be paid to the Contractor for providing the Solution, in accordance with the payment terms.

**“Contractor”** means the Bidder whose bid to perform the Contract has been accepted by Tender Committee and is named as such in the Letter of Award.

**“Default Notice”** shall mean the written notice of Default of the Agreement issued by one Party to the other.

**“Installation”** shall means installation of Hardware and Network Items.

**“Fraudulent Practice”** means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract and includes collusive practice among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificial non-competitive levels and to deprive the Asansol Durgapur Development Authority (ADDA), 1st Administrative Building, City Centre, Durgapur – 713216, WB

**“Good Industry Practice”** shall mean the exercise of that degree of skill, diligence and prudence which would reasonably and ordinarily be expected from a reasonably skilled and experienced Operator engaged in the same type of undertaking under the same or similar circumstances.

**“Government” / “Gov. of W. Bengal”** means the Government of West Bengal.

**“GoI”** shall stand for the Government of India.

**“GoWB”** means Government of West Bengal

**“Similar Nature of Work”** means Delivery & installation of Desktop, Printer, Scanner, CCTV, Display, UPS and Network Items.

**“Project”** means Delivery & installation of Hardware and Network Items with 3 years warranty and support at Asansol Durgapur Development Authority (ADDA), 1st Administrative Building, City Centre, Durgapur – 713216, WB



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**“Services”** means the work to be performed by the Bidder pursuant to this Contract, as described in the detailed Scope of Work.

**“Interest rate”** means “364 days Government of India (GoI) Treasury Bills” rate.

**“Law”** shall mean any Act, notification, bye law, rules and regulations, directive, ordinance, order or instruction having the force of law enacted or issued by the Central Government and/or the Government of West Bengal or any other Government or regulatory authority or political subdivision of government agency.

**“LOI”** means issuing of Letter of Intent shall constitute the intention of the WTL to place the Purchase Order with the successful bidder.

**“Operator”** means the company providing the services under Agreement.

**“Requirements”** shall mean and include schedules, details, description, statement of technical data, performance characteristics, standards (Indian as well as International) as applicable and specified in the Contract.

**“ADDA”** means Asansol Durgapur Development Authority

**“Service”** means Provision of Contracted Service viz., operation, maintenance and associated services for DEPLOYED SYSTEMS as per Section titled “Scope of Work”

**“Termination Notice”** means the written notice of termination of the Agreement issued by WTL.

**“Uptime”** means the time period when specified services are available with specified technical and service standards as mentioned in section titled WARRANTY SUPPORT” “%Uptime” means ratio of 'up time' (in minutes) as mentioned in section titled “Warranty support”

**“Service Down Time”** (SDT) means the time period when specified services with specified technical and operational requirements as mentioned in section titled “WARRANTY SUPPORT” are not available to Gov. of W. Bengal and its user departments and organizations.

**“WTL”** means Webel Technology Limited a Govt. of W. Bengal undertaking.

## 2. PRE BID MEETING

Pre Bid Meeting will be held on 11.07.2024 at 12.00 hrs. (On-Line Meeting). Bidder can send their queries as per format (Section - T) to Purchase Department ([purchase@wtl.co.in](mailto:purchase@wtl.co.in)). Only the queries received within the stipulated date prior to the Pre-Bid Meeting will be answered. Interest bidders are requested to send mail to ([purchase@wtl.co.in](mailto:purchase@wtl.co.in)) for participation of online pre-bid meeting Based on request WTL will share meeting id / links for meeting. If there is any change in date and time then will inform.

## 3. COST OF BIDDING

The bidder shall bear all costs associated with the preparation and submission of the bid and WTL will no case be responsible for those costs regardless of the conduct or outcome of the bidding process.

## 4. BID DOCUMENT

Bidder is expected to examine all instructions, forms, terms and requirement in the bid document. The invitation to bid together with all its attachment thereto shall be considered to be read, understood and accepted by the bidder unless deviations are specifically stated in the seriatim by the bidder. Failure to

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furnish all information required by the bid document or a bid not substantially responsive to the bid document in every respect may result of the bid.

## 5. AMENDMENT OF BID DOCUMENT

At any time prior to the deadline for submission of proposals, WTL reserves the right to add/modify/delete any portion of this document by issuance of a Corrigendum, which would be published on the website and will also be made available to the all the Bidder who have been issued the tender document. The Corrigendum shall be binding on all bidders and will form part of the bid documents.

## 6. MODIFICATION AND WITHDRAWAL OF BIDS

As per the bidding process available in the tender. The bidder cannot modify or withdraw its bid after submission.

## 7. LANGUAGE OF BID & CORRESPONDENCE

The proposal will be prepared by the Bidder in English language only. All the documents relating to the proposal (including brochures) supplied by the firm should also be in English, and the correspondence between the Bidder & WTL will be in English language only. The correspondence by fax/E-mail must be subsequently confirmed by a duly signed formal copy.

## 8. BIDDER'S SOLUTION

The bidders are requested to study the Bill of Material supplied with this document carefully. While working out the solution the bidder has to work with the broad minimum specification provided in the tender documents, conforming to the model, make and Part number (wherever provided). While submitting the bid the bidder has to detail out all components needed to complete the system BOM. The bidder is required quote for each item retaining all major components/sub system detailed and specified. As the contractor will be responsible for smooth functioning of the system, availability of spares during the tenure of the warranty period have to be take care by the contractor to maintain the guaranteed uptime.

## 9. EARNEST MONEY DEPOSIT (EMD) / TENDER FEE

The bidder shall furnish Online Receipt against payment of Tender Fees and Earnest Money Deposit

## 10. REFUND OF EMD

EMD will be refunded to the unsuccessful bidders without interest by following guidelines of circular 3975-F(Y) dated 28/07/2016 on final selection of Successful Bidders.

## 11. FORFEITURE OF EMD

EMD made by Bidder may be forfeited under the following conditions:

If Bidder withdraws the proposal before the expiry of validity period.

During the evaluation process, if a Bidder indulges in any such activity as would jeopardize the process, the decision of WTL regarding forfeiture of EMD shall be final and shall not be called upon question under any circumstances.

If Bidder violates any of the provisions of the terms and conditions of the proposal.

In the case of a successful Bidder, if Bidder fails to:

- a) Accept the work order along with the terms and conditions.
- b) Furnish performance security.
- c) Violates any of the work conditions of this proposal or indulges in any such activities as would jeopardize the work.

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- d) Submitting false/misleading information/declaration/documents/proof/etc.

The decision of WTL regarding forfeiture of EMD shall be final and shall not be called upon to question under any circumstances, besides, forfeiture of EMD even the Bidder will be deferred from participating in any job for a period of one year.

## 12. FORMS AND FORMATS

The various inputs for the Techno Commercial as Financial Bids are to be submitted in the format specified. The bidder shall use the form, wherever specified, to provide relevant information. If form does not provide space for any required information, space at the end of the form or additional sheets shall be used to convey the said information. For all other cases, the bidder shall design a form to hold the required information.

## 13. LACK OF INFORMATION TO BIDDER

The bidder shall be deemed to have carefully examined the Bid document to his entire satisfaction. Any lack of information shall not relieve the bidder of his responsibility to fulfil his obligation under the bid. If bidder has any queries relating to bid document then he can send the queries before the Pre Bid Meeting.

## 14. CONTRACT EXECUTION

On receipt of the Letter of Award the contractor should submit a Performance Bank Guarantee (PBG) equivalent to 10% of the total contract value within three weeks from the date of receipt of Letter of Award/Order. The PBG should be valid for six month more than the warranty period. All delivery of the material will have to be completed within 45 days from the date of acceptance of contract and the contractor has to ensure all activities leading to the commissioning of the contract to be completed within 75 days from the date of award. Subsequent to the award of contract, the contractor will have to arrange for the requisite material as per BOM.

## 15. TIME SCHEDULE FOR DELIVERY

Within 4 (Four) weeks from the date of receiving final order from WTL.

## 16. LIQUIDATED DAMAGE / PENALTY

The job includes the supply and installation of materials mentioned in the tender document. In the event of failure to meet the job completion in stipulated date/time liquidated damage may be imposed on the contractor for sum not less than 0.5% of the contract value for that item/job for each week or part thereof, subject to a ceiling of 10% of the total contract value (excluding all taxes & duties and other charges). In the event of LD exceeds 10% of the order value, WTL reserves the right to terminate the contract and WTL will get the job completed by any other competent party. The difference of cost incurred by WTL will be recovered from the contractor and PBG will be invoked.

## 17. LIABILITY

In case of a default on bidder's part or other liability, WTL shall be entitled to recover damages from the Contractor. In each such instance, regardless of the basis on which WTL is entitled to claim damages from the Contractor (including fundamental breach, negligence, misrepresentation, or other contract or tort claim), Contractor shall be liable for no more than:

- Payment referred to in the Patents and Copyrights clause.
- Liability for bodily injury (including death) or damage to real property and tangible personal property limited to that cause by the Contractor's negligence.
- As to any other actual damage arising in any situation involving non-performance by Contractor pursuant to or in any way related to the subject of this Agreement, the charge paid by WTL for the individual product or Service that is the subject of the Claim. However, the contractor shall not be liable for

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- For any indirect, consequential loss or damage, lost profits, third party loss or damage to property or loss of or damage to data.

For any direct loss or damage that exceeds the total payment for Contract Price made or expected to be made to the Contractor hereunder.

### **18. PATENTS & COPYRIGHT**

If a third party claims that a product delivered by the Contractor to WTL infringes that party's patent or copyright, the Contractor shall defend WTL against that claim at Contractor's expense and pay all costs, damages, and attorney's fees that a court finally awards or that are included in a settlement approved by the Contractor, provided that WTL.

- Promptly notifies Contractor in writing of the claim
- Allows Contractor to control and co-operate with Contractor in the defense and any related settlement negotiations.

Remedies: If such a claim is made or appears likely to be made, WTL would permit Contractor to enable WTL to continue to use the product, or to modify it, or replace it with one that is at least functionally equivalent. If Contractor determines that none of these alternatives is reasonably available, WTL agrees to return the product to Contractor on Contractor's written request. Contractor will then give WTL a credit equal to for a machine. WTL's net book value (provided WTL has followed generally accepted accounting principles for a generally available software product produced by Contractor (Program) the amount paid by WTL or 12 months charges (which ever is lesser) and for materials the amount paid by WTL for the materials. These will be Contractor's entire obligation regarding any claim of infringement.

### **19. SUSPENSION OF WORK**

WTL shall have the power at any time and from time to time by notice to the Contractor to delay or suspend the progress of the work or any part of the work due to any other adequate reasons and on receipt of such notice the contractor shall forthwith suspend further progress of the work until further notice from WTL. The Contractor shall recommence work immediately after receiving a notice to do so from WTL. The whole or any part of the time lost for such delay or suspension shall, if WTL in its absolute discretion thinks fit, but not otherwise, be added to the time allowed for completion.

### **20. TERMS OF PAYMENT**

Payment terms will be on back-to-back basis, i.e., payment will be made only on receipt of payment from relevant customer, i.e Asansol Durgapur Development Authority (ADDA), 1St Administrative Building, City Centre, Durgapur - 713216

### **21. GOVERNING LAWS**

This contract should be governed by and interpreted by Arbitration clause in accordance with Laws in force in India. The courts at Kolkata shall have exclusive jurisdiction in all matters arising under the contract. The selected vendor shall keep himself fully informed of all current national, state and municipal law and ordinances. The selected vendor shall at their own expense, obtain all necessary permits and license and pay all fees and taxes required by law. These will be selected vendor's entire obligation regarding any claim of infringement. The selected vendor hereto agrees that it shall comply with all applicable union, state and local laws, ordinances, regulations and codes in performing its obligations hereunder, including the procurement of licenses, permits certificates and payment of taxes where required. The selected vendor shall establish and maintain all proper records (particularly, but without limitation, accounting records) required by any law, code/practice of corporate policy applicable to it from time to time including records and returns as applicable under labour legislation.

### **22. CORRUPT OR FRAUDULENT**

The Tender Committee requires that the bidders under this Tender observe the highest standards of ethics during the procurement and execution of such contracts. For this purpose the definition of corrupt and fraudulent practices will follow the provisions of the relevant laws in force. The Tender Committee will

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reject a proposal for award if it detects that the bidder has engaged in corrupt or fraudulent practices in competing for the contract in question. The Tender Committee will declare a firm ineligible, either indefinitely or for a stated period of time, if it at any time determines that the firm has engaged in corrupt and fraudulent practices in competing for, or in executing, a contract.

### **23. BIDDING CLAUSE**

All decisions taken by the Tender Committee regarding the processing of this tender and award of contract shall be final and binding on all parties concerned.

The Tender Committee reserves the right:

- To vary, modify, revise, amend or change any of the terms and conditions mentioned above and,
- To reject any or all the Tender/s without assigning any reason whatsoever thereof or 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) of the grounds for such decision.

### **24. WORKMEN'S COMPENSATION**

In every case in which by virtue of the provision of the workmen's compensation Act 1923 or any other relevant acts and rules, compensation to a workmen employed by the contractor, is payable, then this should be done by the Contractor. If WTL is obliged to make any compensation under the said rules and acts, then the amount shall be recovered without prejudice, from the bills and due of the Contractor. WTL shall not be bound to contest any claim made against the Contractor in respect of workmen's compensation.

### **25. CONTRACTOR'S EMPLOYEES**

The Contractor shall comply with the provision of all labour legislation including the requirement of the payment of Wage Act 1936 and the rules framed there under and modifications thereof in respect of men employed by him in carrying out the contract. The Contractor must ensure that he complies with PF, ESI regulation for all his deployed employees. The Contractor shall see that all authorized Sub Contractors under him similarly complied with the above requirement.

### **26. SAFETY MEASURES**

The Contractor shall in the course of execution of the work take all necessary precaution for the protection of all persons and property. The Contractor shall take adequate measures to protect the work and prevent accident during the work. In the event of any accident to any person or persons or damage or injury of any description to any person or property due to failure on the part of the contractor in taking proper precautionary measures the contractor shall be responsible for and must make good the loss the damage at his own cost to the satisfaction of the department and employees of the department shall be indemnified from all claims or liabilities arising there from or any expenses incurred on account thereof.

### **27. EQUIPMENT**

All tools & tackles necessary for the work shall have to be procured by the contractor unless otherwise specified elsewhere in these tender documents. The equipment used by the contractor for a particular work must be appropriate for the type of work. The contractor shall maintain the equipment used on the work properly so that they are in good working condition. In no case shall the contractor use defective or imperfect equipment in the work. The contractor shall arrange to replace or repair all defective equipment so that the progress of the work is not hampered. No defective equipment should be left at the site of work and the department shall not be responsible for any loss or damage to any of these equipments during the course of the execution of the work.

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## 28. SUB-CONTRACT

The purchaser (WTL) does not recognize the existence of Sub-Contractors. The Contractor's responsibility is not transferable. No consortium partner is allowed.

## 29. TERMINATION FOR DEFAULT

WTL may without prejudice to any other remedy or right of claim for breach of contract by giving not less than 30 days written notice of default sent to the contractor, terminate the order in whole or in part. If the contractor materially fails to render any or all the services within the time period specified in the contract or any extension thereof granted by WTL in writing and fails to remedy its failure within a period of thirty days after receipt of default notice from WTL. If the project (delivery, commissioning as well as warranty maintenance support is not carried out according to specification due to deficiency in service as per terms of the contract. In such case WTL will invoke the amount held back from the contractor as PBG.

## 30. BANKRUPTCY

If the contractor becomes bankrupt or have a receiving order made against him or compound with his creditors or being a corporation commence to be wound up, not being a voluntary winding up for the purpose only or amalgamation or reconstruction, or carry on their business under a receiver for the benefit of their creditors or any of them, WTL shall be at liberty to terminate the engagement forthwith without any notice in writing to the contractor or to the liquidator or receiver or to any person in whom the contractor may become vested and without any compensation to give such liquidator or receiver or other person the option of carrying out the engagement subject to their providing a guarantee for the due and faithful performance of the engagement up to an amount to be determined by WTL.

## 31. FORCE MAJEURE

It is hereby defined as any cause, which is beyond the control of the Contractor or WTL as the case may be, which such party could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as

- War, Hostilities or warlike operations (whether a state of war be declared or not), invasion, act of foreign enemy and civil war.
- Rebellion, revolution, insurrection, mutiny, usurpation of civil or military, government, conspiracy, riot, civil commotion and terrorist area.
- Confiscation, nationalization, mobilization, commandeering or requisition by or under the order of any government or de facto authority or ruler, or any other act or failure to act of any local state or national government authority.
- Strike, sabotage, lockout, embargo, import restriction, port congestion, lack of usual means of public transportation and communication, industrial dispute, shipwreck, shortage of power supply epidemics, quarantine and plague.
- Earthquake, landslide, volcanic activity, fire flood or inundation, tidal wave, typhoon or cyclone, hurricane, nuclear and pressure waves or other natural or physical disaster.

If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances of the event of Force Majeure within fourteen days after the occurrence of such event. The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed.

The party or parties affected by the event of Force Majeure shall use reasonable efforts to mitigate the effect of the event of Force Majeure upto its or their performance of the Contract and to fulfil its or their obligation under the Contract but without prejudice to either party's right to terminate the Contract.

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No delay or non-performance by either party to this Contract caused by the occurrence of any event of Force Majeure shall.

- Constitute a default or breach of the contract.
- Give rise to any claim for damages or additional cost or expense occurred by the delay or non-performance. If, and to the extent, that such delay or non-performance is caused by the occurrence of an event of Force Majeure.

## 32. INSURANCE COVERAGE

Appropriate insurance to cover all solution components for the transit period and until the time of its acceptance at the respective site is to be taken by the contractor. As the contractor will carry the risk for the material in his books during transit, the contractor should arrange insurance for the total system as period from the dispatch till Acceptance Test is successfully achieved. Further the contractor is to take all required insurance coverage in respect of all its personnel who shall be working on this engagement.

## 33. WARRANTY

The OEM on behalf of bidder will warranty that product supplied under the contract are newly made and are free from defects in the design, engineering and workmanship. The Contractor would be responsible for the up keep and maintenance of the display unit and necessary deliverables under the scope of work during the entire warranty period, i.e., 3 years for from the date of final acceptance of the system by the user. Within warranty period, entrusted OEM will replace, re-integrate faulty, buggy components. The Contractor/OEM shall not, without the express prior written consent of WTL, assign to any third party of the contract or part thereof. Service support for the entire warranty period will be on site and comprehensive (including spares) and free of cost for the entire warranty period. Warranty will be invalid if the equipment is serviced by unauthorized personnel of misuse is detected.

## 34. WARRANTY SUPPORT & SLA

As per Section - Q

## 35. PERFORMANCE BANK GUARANTEE (PBG)

As a guarantee for timely delivery, installation and commissioning of equipment as well as performance of on-site warranty support, as mentioned in Bill of Material, from the date of final acceptance of systems and pertaining to proper running of the systems, the bidder will have to submit 10% of the contract value as security in the form of Performance Bank Guarantee from any nationalized bank as per format enclosed (Section – P).

## 36. SI/BIDDER/CONTRACTOR'S RESPONSIBILITIES

Refer Section – A (Scope of Work & Responsibility)

## 37. NO WAIVER OF RIGHTS

Neither the inspection by WTL or any of their agents nor any order by WTL for payment of money or any payment for or acceptance of the whole or any part of the works by WTL, nor any extension of time, nor any possession taken by WTL shall operate as a waiver of any provision of the contract or of any power reserved to WTL, or any right to damages here in provided, nor shall any waiver of any breach in the contract be held to be a waiver of any other subsequent breach.

## 38. GRAFTS, COMMISSIONS, GIFTS, ETC.

It is the Purchaser's policy to require that bidders, suppliers, contractors and consultants under contracts, observe the highest standard of ethics during the procurement and execution of such contracts. Any graft, commission, gift or advantage given, promised or offered by or on behalf of the contractor or his partner, agent, officers, director, employee or servant or any one on his or their behalf in relation to the obtaining or to the execution of this or any other contract with WTL shall in addition to any criminal liability which it may incur, subject the contractor to the cancellation of this and all other contracts and also to payment of

# WEBEL TECHNOLOGY LIMITED

any loss or damage to WTL resulting from any cancellation. WTL shall then be entitled to deduct the amount so payable from any monies otherwise due to the contractor under contract.

## 39. ENFORCEMENT OF TERMS

The failure of either party to enforce at any time any of the provision of this contract or any rights in respect thereto or to exercise any option here in provided shall in no way be construed to be a waiver to such provisions, rights or options or in any way to affect the validity of the contract. The exercise by either party of any of its rights herein shall not preclude or prejudice either party from exercising the same or any other right it may have hereunder.

## 40. PERIOD OF VALIDITY OF OFFER

For the purpose of placing the order, the proposals shall remain valid till 180 days. During the period of validity of proposals, the rates quoted shall not change. In exceptional circumstances, WTL may ask for extension of the period of validity and such a request shall be binding on Bidders. WTL's request and the response to such a request by various Bidders shall be in writing. A Bidder agreeing to such an extension will not be permitted to increase its rates.

## 41. TAXES & DUTIES

- The prices shall be inclusive of all taxes & levies including GST and other statutory duties as applicable. Rate of taxes should be indicated separately in the Price Bid.
- Contract Price specified in Price Bid should be based on the taxes & duties and charges prevailing at the date one day prior to the last date of Bid submission.
- Statutory deduction, wherever applicable, shall be made from invoice as per government rules. Necessary certificate will be issued for such deductions.
- Bidder submitting a bid shall produce valid statutory documents / certificates with respect to GST, Income Tax, ROC, Prof. Tax, Trade Licence, etc. All such documents / certificates shall remain valid on the last date of tender submission.
- In case of inter-state transaction, WTL will provide "Waybill". However, statutory charges, if any will be borne by the bidder.
- GST component of the invoice of the bidder may be kept on hold in case there is any mismatch / irregularity in GST return filing on the part of the bidder.

## 42. DISCREPANCIES IN BID

- Discrepancy between description in words and figures, the rate which corresponds to the words quoted by the bidder shall be taken as correct.
- Discrepancy in the amount quoted by the bidder due to calculation mistake of the unit rate then the unit rate shall be regarded as firm.
- Discrepancy in totalling or carry forward in the amount quoted by the bidder shall be corrected.

## 43. BID DUE DATE

The online tender has to be submitted not later than the due date and time specified in the Important Dates Sheet. WTL may at its discretion on giving reasonable notice by fax, or any other written communication to all prospective bidders who have been issued the bid documents, extend the bid due date, in which case all rights and obligations of the WTL and the bidders, previously subject to the bid due date, shall thereafter be subject to the new bid due date as extended.

## 44. LATE BID

Any proposal received by WTL after the deadline for submission of proposals may not be accepted.



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## 45. OPENING OF BID BY WTL

Bids shall be opened and downloaded electronically through operation of the process in the e-Tender portal in presence of Tender Committee. Bidders interested to remain present during electronic bid opening may attend the bid opening session at WTL premises at scheduled date & time.

## 46. CONTACTING WTL

Bidder shall not approach WTL officers beyond office hours and/or outside WTL office premises from the time of the Bid opening to the time of finalization of successful bidder. Any effort by bidder to influence WTL office in the decision on Bid evaluation, Bid comparison or finalization may result in rejection of the Bidder's offer. If the bidder wishes to bring additional information to the notice of WTL, it should be in writing following the procedure mentioned hereinabove.

## 47. WTL'S RIGHT TO REJECT ANY OR ALL BIDS

WTL reserves the right to 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) of the grounds for such decision.

## 48. BID CURRENCIES

Prices shall be quoted in Indian Rupees, inclusive of all prevailing GST, levies, duties, cess etc.

## 49. PRICE

- Price should be quoted in the Price Bid format only. No deviation in any form in the Price Bid sheet is acceptable.
- Price quoted should be firm, inclusive of packing, forwarding, insurance and freight charges.
- Percentage/specified amount of taxes & duties should be clearly mentioned otherwise WTL reserves the right to reject such vague offer.
- Price to be quoted inclusive of supply, installation & commissioning charges.

## 50. CANVASSING

Canvassing or support in any form for the acceptance of any tender is strictly prohibited. Any bidder doing so will render him liable to penalties, which may include removal of this name from the register of approved Contractors.

## 51. NON-TRANSFERABILITY OF TENDER

This tender document is not transferable.

## 52. FORMATS AND SIGNING OF BID

The original and all copies of the proposals shall be neatly typed and shall be signed by an authorized signatory(ies) on behalf of the Bidder. The authorization shall be provided by written Power of Attorney accompanying the proposal. All pages of the proposal, except for un-amended printed literature, shall be initialed by the person or persons signing the proposal. The proposal shall contain no interlineations, erase or overwriting. In order to correct errors made by the Bidder, all corrections shall be done & initialed with date by the authorized signatory after striking out the original words/figures completely.

## 53. WITHDRAWAL OF BID

Bid cannot be withdrawn during the interval between their submission and expiry of Bid's validity period. Fresh Bid may be called from eligible bidders for any additional item(s) of work not mentioned herein, if so required.

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## 54. INTERPRETATION OF DOCUMENTS

If any bidder should find discrepancies or omission in the specifications or other tender documents, or if he should be in doubt as to the true meaning of any part thereof, he shall make a written request to the tender inviting authority for correction/clarification or interpretation or can put in a separate sheet along with his technical bid document.

## 55. SPLITTING OF THE CONTRACT AND CURTAILMENT OF WORK

WTL reserve the right to split up and distribute the work among the successful bidders and to curtail any item of work in the schedule partly or fully.

## 56. PREPARATION OF TENDER

Tender shall be submitted in accordance with the following instructions:

- a) Tenders shall be submitted in the prescribed forms. Digital signatures shall be used. Where there is conflict between the words and the figures, the words shall govern.
- b) All notations must be in ink or type written. No erasing or overwriting will be permitted. Mistakes may be crossed out and corrections typed or written with ink adjacent thereto and must be initialed in ink by the person or persons signing the tender.
- c) Tenders shall not contain any recapitulation of the work to be done. Alternative proposals will not be considered unless called for. No written, oral, telegraphic or telephonic proposals for modifications will be acceptable.
- d) Tenders shall be uploaded as notified on or before the date and time set for the opening of tenders in the Notice Inviting Tenders.
- e) Tenders subject to any conditions or stipulations imposed by the bidder are liable to be rejected.
- f) Each and every page of the tender document must be signed with company seal by the bidder.
- g) Any bidder may withdraw his tender by written request at any time prior to the scheduled closing time for receipt of tenders and not thereafter.

## 57. PRE-DISPATCH INSTRUCTION

All materials / equipments supplied against the purchase order shall be subjected to Inspection, check and /or test by the authorized representative from WTL.

## 58. FINAL INSPECTION

Final inspection will be carried by the authorized representative from WTL.

## 59. SITE INSPECTION

Bidder can inspect (at their own cost) the sites if required, for which they have to take necessary permission from WTL in writing. WTL will take at least four days to organize such permission.

## 60. ERASURES OR ALTERNATIONS

The offers with overwriting and erasures may make the tender liable for rejection if each of such overwriting/erasures/manuscript ions is not only signed by the authorized signatory of the bidder. There should be no hand-written material, corrections or alterations in the offer. Technical details must be completely filled up. Correct technical information of the product being offered must be filled in. Filling up of the information using terms such as "OK", "accepted", "noted", "as given in brochure/manual" is not acceptable. The Customer may treat offers not adhering to these guidelines as unacceptable. The Customer may, at its discretion, waive any minor non-conformity or any minor irregularity in the offer. This shall be binding on all bidders and the Tender Committee reserves the right for such waivers.

## 61. COMPLIANCE WITH LAW

The contractor hereto agrees that it shall comply with all applicable union, state and local laws, ordinances, regulations and codes in performing its obligations hereunder, including the procurement of licenses,

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permits certificates and payment of taxes where required. The contractor shall establish and maintain all proper records (particularly, but without limitation, accounting records) required by any law, code/practice of corporate policy applicable to it from time to time including records and returns as applicable under labor legislation.

### **62. CLARIFICATION OF BIDS**

During evaluation of the bids, the Customer/Tender Committee, at its discretion may ask the bidder for clarification of its bid. The request for the clarification and the response shall be in writing (fax/email) and no change in the substance of the bid shall seek offered or permitted.

### **63. DEEMED ACCEPTANCE**

Deliverables will be deemed to be fully and finally accepted by Asansol Durgapur Development Authority (ADDA), 1st Administrative Building, City Centre, Durgapur – 713216 in the event ADDA has not submitted such Deliverable Review Statement to Bidder/Implementation Partner before the expiration of the 30-days review period, or when ADDA uses the Deliverable in its business, whichever occurs earlier (“Deemed Acceptance”).

### **64. QUALITY CONTROL**

- The contractor is obliged to work closely with WTL, act within its authority and abide by directive issued by them on implementation activities.
- The contractor will abide by the safety measures and free WTL from all demands or responsibilities arising from accident/loss of life, the cause of which is due to their negligence. The bidder will pay all indemnities arising from such incidents and will not hold WTL responsible.
- The contractor will treat as confidential all data and information about the system, obtained in the execution of its responsibilities in strict confidence and will not reveal such information to any party without the prior written approval of WTL.
- WTL reserves the right to inspect all phases of contractor’s operation to ensure conformity to the specifications. WTL shall have engineers, inspectors or other duly authorized representatives made known to the contractor, present during the progress of the work and such representatives shall have free access to the work at all times. The presence or absence of representatives of WTL does not relieve the contractor of the responsibility for quality control in all phases.
- The Court of Kolkata only will have the jurisdiction to deal with and decide any legal matters or dispute whatsoever arising out of the contract.

### **65. SITE NOT READY**

The bidder shall not be in any manner liable for any delay arising out of ADDA inability to make the site ready within the stipulated period.

### **66. GENERAL TERMS**

- a) All the pages of the bid document including documents submitted therein must be duly signed and stamped failing which the offer shall be liable to be rejected.
- b) All the documents to be submitted by the bidder along with their offer should be duly authenticated by the person signing the offer and if at any point of time during procurement process or subsequently it is detected that documents submitted are forged/tampered/manipulated in any way, the total responsibility lies with the bidder and WTL reserves the full right to take action as may be deemed fit including rejection of the offer and such case is to be kept recorded for any future dealing with them.
- c) No Technical/Commercial clarification will be entertained after opening of the tender.
- d) Overwriting and erasures may make the tender liable for rejection if each of such overwriting/erasures/manuscript is not only signed by the authorized signatory of the bidder. All overwriting should be separately written and signed by the authorized signatory of the bidder.

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- e) Quantity mentioned in the tender document is indicative only and orders shall be placed subject to actual requirement. WTL reserve the right to increase or decrease the quantity specified in the tender.
- f) WTL reserve the right to reject or accept or withdraw the tender in full or part as the case may be without assigning the reasons thereof. No dispute of any kind can be raised the right of buyer in any court of law or elsewhere.
- g) WTL reserve the right to ask for clarification in the bid documents submitted by the bidder. Documents may be taken if decided by the committee.
- h) Supporting technical brochures / catalogues indicating each feature in respect of offered model and make must be submitted along with the offer, in absence of which the offer is liable to be ignored.
- i) No dispute by the bidders in regard to Technical/Commercial points will be entertained by WTL and decision taken by the Tender Committee will be final.
- j) Discrepancy in the amount quoted by the bidder due to calculation mistake, the unit rate shall be regarded as firm and the totaling or carry in the amount quoted by the bidder shall be corrected accordingly.
- k) The price offers shall remain firm within the currency of contract and no escalation of price will be allowed.
- l) The acceptance of the tender will rest with the accepting authority who is not bound to accept the lowest or any tender and reserves the right to reject in part or in full any or all tender(s) received and to split up the work among participants without assigning any reason thereof.
- m) The customer/WTL at its discretion may extend the deadline for the submission of Bids.
- n) The Court of Kolkata only will have the jurisdiction to deal with and decide any legal matters or dispute whatsoever arising out of the contract.

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## SECTION – E

### BID FORM

(Bidders are requested to furnish the Bid Form in the Format given in this section, filling the entire Blank and to be submitted on Letter Head in original)

To  
Webel Technology Limited  
Plot – 5, Block – BP, Sector - V,  
Salt Lake City, Kolkata – 700091.

**Sub: Delivery & installation of Desktop, Printer, Scanner, CCTV, Display, UPS and Network Items with 3 years warranty and support at Asansol Durgapur Development Authority (ADDA), 1st Administrative Building, City Centre, Durgapur – 713216 WB.**

Dear Sir,

1. We the undersigned bidder/(s), having read and examined in details the specifications and other documents of the subject Tender no. WTL/ADDA/HWNW/23-24/003 dated 05.07.2024 do hereby propose to execute the job as per specification as set forth in your Bid documents.
2. The prices of all items stated in the bid are firm during the entire period of job irrespective of date of completion and not subject to any price adjusted as per in line with the bidding documents. All prices and other terms & conditions of this proposal are valid for a period of 180 (one hundred eighty) days from the date of opening of bid. We further declare that prices stated in our proposal are in accordance with your bidding.
3. We confirm that our bid prices include all other taxes and duties and levies applicable on bought out components, materials, equipments and other items and confirm that any such taxes, duties and levies additionally payable shall be to our account.
4. Earnest Money Deposit & Tender Fee: We have transferred EMD & Tender Fee amount online through e-Tender Portal.
5. We declare that items shall be executed strictly in accordance with the specifications and documents irrespective of whatever has been stated to the contrary anywhere else in our proposal. Further, we agree that additional conditions, deviations, if any, found in the proposal documents other than those stated in our deviation schedule, save that pertaining to any rebates offered shall not be given effect to.
6. If this proposal is accepted by you, we agree to provide services and complete the entire work, in accordance with schedule indicated in the proposal. We fully understand that the work completion schedule stipulated in the proposal is the essence of the job, if awarded.
7. We further agree that if our proposal is accepted, we shall provide a Performance Bank Guarantee of the value equivalent to ten percent (10%) of the Order value as stipulated in Financial Bid (BOQ).

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- 8. We agree that WTL reserves the right to accept in full/part or reject any or all the bids received or split order within successful bidders without any explanation to bidders and his decision on the subject will be final and binding on Bidder.

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

Thanking you, we remain,

Yours faithfully

.....  
Signature

.....  
Name in full

.....  
Designation

Signature & Authorized Verified by

.....  
Signature

.....  
Name in full

.....  
Designation

.....  
Company Stamp

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## **SECTION – F**

### **TECHNO COMMERCIAL EVALUATION & AWARDING OF CONTRACT**

#### **1. EVALUATION PROCEDURE**

- The Eligibility Criteria (Section - B) will be evaluated by Tender Committee and those qualify will be considered for further evaluation.
- The Tender Committee shall verify the Technical Specification (Technical Specification with Compliance Statement, Section – I) Deviation in specification shall not be allowed. Bidder qualified in Technical Specification shall be considered for further evaluation.
- After qualifying in Technical Specification, qualified bidders will only be considered for Financial Bid evaluation.

#### **2. FINAL EVALUATION**

Financial Proposal of the bidders qualifying in the evaluation of Technical specification will be evaluated. The bidder who has qualified in the Technical Specification evaluation and returns with lowest quote (L1) in financial bid would normally be awarded the contract subject to Post Qualification.

#### **3. AWARDING OF CONTRACT**

An affirmative Post Qualification determination will be prerequisite for award of the contract to the lowest quoted bidder. A negative determination will result in rejection of bidder's bid, in which event the WTL will proceed to the next lowest evaluated bidder to make a similar determination of that bidder's capability to perform satisfactorily. The successful bidder (s) will have to give security deposit in the form of Performance Bank Guarantee.

#### **4. POST QUALIFICATION**

The determination will evaluate the Bidder's financial, technical, design, integration, customization, production, management and support capabilities and will be based on an examination of the documentary evidence of the Bidder's qualification, as well as other information WTL deems necessary and appropriate. This determination may include visits or interviews with the Bidder's client's reference in its bid, site inspection, and any other measures. At the time of post-qualification, ADDA may also carry out tests to determine that the performance or functionality of the Information System offered meets those stated in the detailed Technical Specification.

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## **SECTION – G**

### **GUIDANCE FOR E-TENDERING**

Instructions / Guidelines for electronic submission of the tenders have been annexed for assisting the Bidders to participate in e-Tendering.

- **Registration of Bidder:**  
Any Bidder willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement System through logging on to <https://wbtenders.gov.in>. The Bidder is to click on the link for e-Tendering site as given on the web portal.
- **Digital Signature Certificate (DSC):**  
Each Bidder is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider of the National Informatics Centre (NIC) on payment of requisite amount. Details are available at the Web Site stated above. DSC is given as a USB e-Token.
- The Bidder can search & download N.I.T. & BOQ electronically from computer once he logs on to the website mentioned above using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.
- **Participation in more than one work:**  
A prospective bidder shall be allowed to participate in the job either in the capacity of individual or as a partner of a firm. If, found to be applied severally in a single job all the applications will be rejected.
- **Submission of Tenders:**  
Tenders are to be submitted through online to the website stated above in two folders at a time, one in Techno Commercial Proposal & the other is Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC). The documents are to be uploaded virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats)

The proposal should contain scanned copies of the following in two covers (folders).

#### **Techno Commercial Cover:**

##### **Technical Document 1 (scanned & join in pdf format then upload)**

1. NIT Declaration of Bidder duly stamped & signed in letter head of bidder (Section – R)
2. NIT Declaration of OEM duly stamped & signed in letter of OEM (Section – S)
3. Other Documents

##### **Technical Document 2 (scanned & join in pdf format then upload)**

1. Bid Form as per format (Section – E)
2. Other Documents

##### **Technical Compliance (scanned & joins in pdf format then upload)**

1. Technical Specification with Compliance Statement (Section – I)
2. Manufacturer Authorisation Form (Section – N)



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**Financial Cover:**

BOQ will be downloaded and same will be uploaded with quoted rates. While uploading BOQ file name shall remain unchanged. Absence of this document shall lead to summary rejection of the bid.

**NON-STATUTARY COVER (MY SPACE) CONTAIN FOLLOWING DOCUMENT:**

(In each folder, scanned copy will be uploaded with single file having multiple pages)

Sl. No.	Category Name	Sub Category Name	Sub Category Description
A	CERTIFICATES	A1. CERTIFICATES	<ul style="list-style-type: none"> <li>• GST Registration Certificate</li> <li>• PAN</li> <li>• Trade License</li> <li>• As required</li> </ul>
B	COMPANY DETAILS	B1. COMPANY DETAILS 1	<ul style="list-style-type: none"> <li><input type="checkbox"/> As required</li> </ul>
		B2. COMPANY DETAILS 2	<ul style="list-style-type: none"> <li>• Company Profile (Not more than 3 pages)</li> <li>• As required</li> </ul>
C	CREDENTIAL	CREDENTIAL 1	Order copies as per Clause no. 4 of Section – B
		CREDENTIAL 2	<ul style="list-style-type: none"> <li>• Product brochure</li> <li>• Other documents, if any</li> </ul>
D	DECLARATION	DECLARATION 1	List of Clients as per format (Section – O)
		DECLARATION 2	Financial Capability of Bidder as per format (Section – K)
		DECLARATION 3	Bidder's Details as per format (Section – L)
		DECLARATION 4	Details of Order Execution as per format (Section – J)
		DECLARATION 5	As required
F	FINANCIAL INFO	P/L & BALANCE SHEET 2020-2021	P/L & BALANCE SHEET 2020-2021
		P/L & BALANCE SHEET 2021-2022	P/L & BALANCE SHEET 2021-2022
		P/L & BALANCE SHEET 2022-2023	P/L & BALANCE SHEET 2022-2023

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## SECTION – H

### BILL OF MATERIAL FOR PROCUREMENT

Sl. No.	Items Description	Qty.	Unit
<b>Desktop Computer, Printer, Scanner &amp; UPS</b>			
1	Desktop Computer	22	No.
2	MFP LaserJet Printer	03	No.
3	600VA UPS	30	No.
4	Mono Network Printer	07	No.
5	Mono A3 LaserJet Printer	02	No.
6	Heavy Duty Scanner	06	No.
<b>CCTV EQUIPMENTS AT ADDA</b>			
7	BULLET CAMERA or DOME CAMERA	30	No.
8	Network Video Recorder 32 Channel	1	No.
9	Storage 4X10 TB Surveillance SATA HDD	4	No.
10	10Port POE Gigabit switch with SFP uplink port /90W,	9	No.
11	Display 32"	1	No.
12	Display 43"	1	No.
13	Camera mounting PVC Box	30	No.
14	HDMI Cable 20Mtr(1 no.), 10Mtr(1 No.) & Cat6 RJ-45 connector(100pc)	1	No.
15	Camera Mounting Charge	30	No.
16	NVR configuration & installation with project implementation charges.	1	LS
<b>Video Conferencing (VC) Room EQUIPMENTS AT ADDA</b>			
17	55" Display	1	No.
18	24" Display	1	No.
19	Conference camera 12X optical with accessories.	1	No.
20	Speaker Phone with accessories	1	No.
21	Code /computing device	1	No.
22	Active USB 3.0 active Cable - 10mtr.	1	No.
23	Metallic movable TV & Camera mounting Stand	1	No.
24	Installation	1	LS
<b>Conference Room EQUIPMENTS AT ADDA</b>			
25	86" interactive Panel with OPS	1	No.
26	Conference camera 12X optical with Accessories	1	No.
27	Audio system with wireless mic.	1	No.
28	Active USB 3.0 cable 10mtr.	1	No.
29	Two core Speaker cable 120mtr.	1	No.
30	Installation	1	LS
<b>Network Items Description</b>			
31	Next Generation Firewall / Cybersecurity Gateway Solution	1	No.
32	24port Fiber Layer 3 manage Switch	2	No.
33	Layer-2 Managed Switch having 24x10/100/1000BaseT Ports & 4x10G SFP+ slots /3 year Warranty.	9	No.
34	SFP Module SM	40	No.
35	RACK wall mount 9U with accessories.	9	No.
36	LIU 48 port loaded	2	No.

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37	LIU 12 port loaded	10	No.
38	LC SM Pigtail- 1m	124	No.
39	6 Core Single Mode Armored Fiber Optic Cable	670	Mtr.
40	24-Port Cat6 UTP Patch Panel	19	No.
41	Cat-6 UTP Cable Box.(Per Box -305 Mtr.)	18	Box
42	Cat 6 I/O with Back Box & faceplate.	120	No.
43	LC/LC Patch Cord SM Duplex 2 mtr.	38	No.
44	Cat 6 Patch Cord 1 mtr.	150	No.
45	3KVA Online UPS without Battery (SRC3KUXI) with Battery & Racks and Links	1	No.
46	Cat 6 Patch Cord 3 mtr.	120	No.
47	Upper-ground FO cable laying through ISI pipe including all PVC conduit.	670	Mtr.
48	UTP Cable laying through ISI pipe including all PVC conduit (Plastic Pipe, Flexi, Shatel, bent etc.).	5490	Mtr.
49	I/O fixing, Rack fixing, Patch panel termination, Splicing charges etc.	1	LS
50	Network, Firewall, L3 Switch, Access switch configuration & installation with project implementation charges.	1	LS

# WEBEL TECHNOLOGY LIMITED

## SECTION - I

### TECHNICAL SPECIFICATION WITH COMPLIANCE STATEMENT

(Tender No. WTL/ADDA/HWNW/24-25/003 dated 05.07.2024)

### **Minimum Specification of Desktop**

Qty.		22		
Make				
Model				
Sl. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
1	Processor	Intel i3 12th or higher		
	Chipset	Intel H series or higher, motherboard with OEM logo embossed		
	Hard Drive	512GB SSD NVME		
	I/O	1x PCI slot, USB kybd & Mouse 2x M.2 slot, Min. 10 USB ports		
	Memory	8 GB DDR4 2666 UDIMM NECC Memory or higher		
	Connectivity	Ethernet, WIFI+BT		
	Operating System	Windows 11 Pro 64 or higher		
	Display	19.5" resolution or higher , TCO certified		
	Certifications	EPEAT, Energy Star, ISO 9001, 14001, 27001, ROHS, UL, FCC, CE		
	Power supply	180w with min. 90% or higher efficiency		
	OEM Brand	from Top 5 vendors as per latest IDC report		
	Warranty	3 Years onsite		

**WEBEL TECHNOLOGY LIMITED**

**Minimum Specification of MFP LaserJet Printer**

Qty.			03	
Make				
Model			Mono LaserJet Printer	
Sl. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
2	Print technology	Laser		
	Cartridge type	Composite		
	Function	Print/Scan/Copy		
	print speed (A4)	20 ppm or higher		
	Processor	600 MHz or Higher		
	Connectivity	Hi-Speed USB 2.0; Ethernet & Wireless 802.11b/g/n		
	Scan type	Platen		
	Scan file format	PDF, JPG, TIFF, PNG, BMP		
	Memory	128 MB		
	Input tray	150-sheet input tray		
	Duty cycle	10,000 pages		
	Starter toner	1500 pages or higher		
	Warranty	3 year onsite warranty		

**Minimum Specification of UPS**

Qty.			30	
Make				
Model				
Sl.	Component	Minimum Specification	Specification (Quoted /	Complied

## WEBEL TECHNOLOGY LIMITED

No.			Applicable – by the bidder	(Yes / No)
3	Rating	600va / 360 watts		
	Input Voltage Range	145V to 290V		
	Input Frequency	45 to 65 Hz		
	Automatic Voltage Regulation	Yes, Trim & boost		
	Nominal Output Voltage	230V		
	Waveform	Stepped Sinewave		
	Output Frequency	On Line: Same as Input & On Battery 50/60Hz +/- 3Hz		
	AC Surge Protection	UPS should be with Full time Surge Protection 160Joules.		
	Battery Voltage & Rating	12V, 7.2ah		
	Short Circuit Protection	Resettable Circuit Breakers		
	Typical Recharge Time	Less than 6Hours.		
	Transfer Time	4-8ms		
	Battery Saver Mode	UPS should be with battery Saver Mode.		
	Standard Warranty	3 Years onsite replacement including Batteries		
	Environment	0-40C , 0-95% RH Non Condensing.		
	Audible Alarms	On Battery, Overload, Low Battery & Replace battery		
	Regulatory Approvals	CE Certified , ROHS Compliance, ISO & BIS Certified		
	Warranty	3 Years onsite		

### **Minimum Specification of Mono Network Printer**

Qty.		07		
Make				
Model				
Sl. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)

## WEBEL TECHNOLOGY LIMITED

4	Print technology	Laser		
	Paper Size	A4		
	print speed (A4):	29 ppm or higher		
	Memory	Min 64MB		
	Connectivity	1 Hi-Speed USB 2.0; Ethernet, Wireless 802.11b/g/n		
	Duplex printing	Yes		
	Input tray	Min 150-sheet input tray		
	Duty cycle/monthly	20,000 pages or Higher		
	Certifications	BIS, ISO 9001, 14001, 27001, ROHS, UL, CE, warranty declaration by OEM, miliciou code certificate.		
	Stater toner	1100 pages or higher		
	Standard Warranty	3 Years onsite		

### Minimum Specification of Mono A3 Multifunction LaserJet Printer

Qty.		02		
Make				
Model				
Sl. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
5	Print Technology	Laser		
	Type of Machine	Multifunction Machine		
	Type of Printing	Mono		
	Cartridge Technology	Separate Drum and Toner (Duel Component)		
	Platen/Flatbed Size	A3		
	Paper Size (Original/Image)	A3/A3		
	RAM size (MB)	512MB		

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Minimum Speed per Minute as per ISO/IEC 24734 in A4 Size-Mono	22		
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size-Mono	12		
Scanning Feature Availability	Yes		
Duplexing Feature Availability	Yes		
Faxing Feature Availability	No		
Speed of Fax, If Fax Feature is available	NA		
Networking Feature Availability	Yes		
Original Document Feeder Type	DADF/RADF		
Feeder Capacity (Number)	100		
Number of Main Paper Tray	1		
Each Main Paper Tray Capacity	250		
Bypass Facility	Yes		
If Yes, Bypass Tray Capacity	100		
Yield of the cartridge/Ink Tank/ Ink Pack supplied with Machine as per ISO/IEC: 19752/2004(E) for Black (Number of prints)	4000		
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Black (Number of Prints)	80000		
Duty Cycle (No of Prints/month)	50000		



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BIS Registration under CRS of Meity	Yes		
Other Certifications Available	UL,CE,RoHS		
On Site OEM Warranty (Year)	1		

### Minimum Specification of Scanner

Qty.		06		
Make				
Model		Dot Matrix Printer		
Sl. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
6	Scan type	Sheetfed		
	Scanning technology	CIS		
	Simplex Scan speed	Up to 35/ 35 ppm (mono/ color)		
	Duplex scan speed	70/ 70 ipm (mono/ color)		
	Output resolution dpi	75; 150; 200; 300; 400; 500, 600, 1200		
	Duty cycle	3,500 pages/ day		
	Memory	256 MB		
	Processor	600 MHz		
	Connectivity	USB 3.0		
	Scan size	Letter: (8.5 x 11 in); Legal: (8.5x 14 in); ISO A4: (8.3 x 11.7 in),		
	Scan file format	Searchable PDF, JPEG, PNG, BMP, TIFF, Text (.txt), Rich Text (rtf)		
	Scan features	Auto-color detect, auto-crop, auto-exposure, auto orient, OCR, zonal OCR, zonal barcode, edge removal, background cleanup, remove hole, color drop out, straighten the page,		
	ADF capacity	50 pages		
	Warranty	3 year onsite		

## WEBEL TECHNOLOGY LIMITED

### **Minimum Specification of CCTV Setup** 4 Megapixel Fixed Lens Dome/Bullet Camera Specification

Qty.			30	
Make				
Model				
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
7	Image Sensor	1/3" Progressive Scan CMOS		
	Min. illumination	Color: 0.01 Lux (AGC On), 0 Lux with IR		
	Image Resolution	2560 × 1440		
	Day & Night	IR Cut Filter		
	Digital Noise Reduction	3D DNR		
	WDR	120 dB		
	Lens	Fixed Lens :2.8mm / 4mm		
	IR range	min. 30m IR		
	Streaming Type	Should Support Three stream		
	Video Compression	H.265, H.264		
	Image Enhancement	BLC , Auto-White Balance, Privacy Mask		
	Ethernet Port	1 x RJ45 10M/100M Ethernet port		
	Network Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, NTP, QoS, UDP		
	Preferable analytics	Motion Detection , Video tampering		
	Power Supply	DC12V, PoE		
Operating Conditions	-30 °C to +60 °C			
Ingress Protection	IP67			

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## Minimum Specification

### 32 CHANNEL H.265 NETWORK VIDEO RECORDER

Qty.		1			
Make					
Model					
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N	
8	Operating system	Embedded Linux			
	IP video input	32-channel IP Video input			
	Two-way audio	should support			
	Incoming bandwidth	Min. 250 Mbps			
	Outgoing bandwidth	Min. 150 Mbps			
	Display interface	min. 1 x HDMI , min. 1 x VGA			
	HDMI-1 / VGA-1:output resolution		4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
			1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60H		
	Audio output	1-ch, RCA (Linear, 1 KΩ)			
	Facial Detection and Analysis	Face picture comparion , Human face capture , face picture search			
	Face picture library	Upto 16 face libraris , upto 20,000 face in total .			
	Split-Screen display	it should support multi split-screen live view on connected monitor.			
	Recording resolution	12MP / 8 MP/ 6MP / 5MP / 4MP / 3MP/ 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF			
	Decoding format	H.265/H.265+/H.264+/H.264/MPEG4			
	Synchronous playback	16-channel			
	Smart Search option	Yes			
	SATA interface for HDD	should support 4 x SATA interfaces			
	HDD Capacity	10 TB capacity for each HDD or better			
Automatic Network Replenishment	should support				
Network interface	2 x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces				

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USB interface	atleast 2 × USB 2.0; 1 × USB 3.0		
Alarm in/out	atleast 16 input / 4 output		
Power supply	100 to 240 VAC		
Consumption (without hard disk)	≤20 W		
Working temperature	-10 to +55°C (14 to 131°F)		
Working humidity	10 to 90 %		

### **Minimum Specification**

#### Surveillance Hard Disc

Qty.		4		
Make				
Model				
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
9		HDD Type - Surveillance		
		Capacity – 10TB		

### **Minimum Specification**

#### 8+2 Port Layer-2 PoE Switch

Qty.		9		
Make				
Model				
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
10	Hardware	Layer-2 Managed Switch having 8x10/100/1000BaseT PoE ports & 2x 1G SFP slots		
		Switching Capacity should be atleast 20Gbps		
		Packet Forwarding Rate should be atleast 14.5Mpps for 64-byte packet size		
		The switch should support both IEEE 802.3af & IEEE 802.3at standards. It should have PoE power budget of atleast 130Watt.		
	The Switch should have	1. MAC Address Table size: Atleast 8000, support atleast 256 static MAC		

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following L2 & L3 features	2. Flow Control: IEEE 802.3x in full duplex, back pressure in half duplex & HoL blocking prevention		
	4. IGMP v1 v2 with atleast 256 IGMP snooping groups, Per VLAN IGMP Snooping, port based IGMP snooping fast leave.		
	5. LLDP, LLDP-MED, IPv6 Neighbor Discovery.		
	6. IEEE802.1D STP, 802.1w RSTP, 802.1s MSTP with atleast 32 MSTP instances support, Root guard or equivalent feature.		
	IEEE 802.3ad Link Aggregation with atleast 8 ports per groups & 4 groups per switch		
	Port mirroring for Tx/Rx/Both. One-to-One mode, Many-to-one mode		
	IEEE 802.1Q VLAN, atleast 256 Static VLANs, auto Voice-VLAN, asymmetric VLAN, auto surveillance VLAN		
	Should be able to discover ONVIF compliance camera and NVR. Automatically configure the discovered device with right VLAN and QoS to ensure video traffic		
	Atleast 124 IPv4 static route entries & atleast 50 IPv6 static route entries		
	The switch should have Port-based ingress & egress bandwidth control with minimum granularity of atleast 16Kbps		
	The switch should have standard & extended Access control list. Atleast 50 access lists supported. Atleast 750 access rules supported.		
	The switch should have the following security features from Day-1: SSLv3, SSL IPv6, Broadcast, Multicast & Unicast storm control, port security feature with atleast 64 MAC per port, traffic segmentation, ARP spoofing prevention, IEEE 802.1x, MD5 Authentication, Dynamic VLAN assignment, DHCP server screening, RADIUS server, Binding of IP address with MAC address & interface.		
	The switch should have feature to protect the CPU from protocol control packet attack.		
	The switch should have cable diagnostic feature to check the status of connected RJ45 cables.		
	The Switch should have following Management features from day-1: Web-based GUI, Web based GUI for IPv6, Telnet Server, Telnet Server IPv6, TFTP Client, TFTP client IPv6, SNMPv1v2cv3, SNMP IPv6, SNMP trap, BootP/DHCP Client, DHCPv6 client, DHCP Relay, DHCP Relay Option 82, SNTP, trusted host, trusted host IPv6, RMONv1, Syslog, Syslog IPv6, local syslog, ping, dual configuration files support, dual image files support.		
All switches should be from same make			
OEM offered must have ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products. ISO/IEC 27001: 2013, ISO 14064-1: 2006, IEC 62443-4-1: 2018. OEM should have their Own service centre running & operational within the state of installation (West Bengal ).			

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## Minimum Specification

### Display- 32" FHD

Qty.			1	
Make				
Model				
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
11		Screen Size- 32"		
		Panel Technology- IPS		
		Back Light Type- Direct		
		Aspect Ratio- 16:9		
		Native Resolution- 1920 x 1080 (FHD)		
		Refresh Rate- 60Hz		
		Brightness- 400nit (Typ.		
		Contrast Ratio- 1,100:1		
		Dynamic CR- 1,000,000:1		
		Color gamut- NTSC 68%		
		Viewing Angle(H x V)- 178 x 178		
		Color Depth- 10-bit(D), 1.07Bilion colors		
		Response Time- 10ms		
		Surface Treatment(Haze)		
		Life time- 50,000Hrs		
		Operation Hours (Hours/Day)- 24/7		
		Connectivity- HDMI, USB, RJ45(LAN), RS232C IN, IR IN, Audio Out, Wifi		
		Internal Memory- 8GB or higher		
		Sensor- Temperature Sensor & Auto Brightness sensor.		
		POWER- Built-In Power, AC 100-240V~, 50/60Hz, 75W max.		
	Speaker- 10W X 2EA			
	Accessory- Remote Controller(include battery 2ea), Power Cord, QSG, HDMI Cable,			
	Warranty- 3yr.			

## Minimum Specification

### Display- 43" FHD

Qty.			1	
Make				
Model				

## WEBEL TECHNOLOGY LIMITED

SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
12		Screen Size- 43"		
		Back Light Type- Direct		
		Resolution- 3840x2160		
		Refresh Rate- 60Hz		
		Brightness- 300nit		
		Contrast Ratio- 1200:1		
		Dynamic CR- 1,000,000:1		
		Screen Share - Miracast, Smart Share		
		Signage Features - Vertical Setup, NTP Server Setting, CISCO Certified Connectivity, Crestron connected( Network Based control), RTC(Real Time Clock), Time Scheduler, NTP Sync Timer, BEACON, Embedded CM(Content Manager)		
		Life time- 50,000Hrs		
		Certification - CB,CU,TR		
		Connectivity- HDMI IN(3(2.0)), Headphone Out (Phone Jack type),RS232(D-SUB9 pin/Phone Jack)( Phone Jack 4 Pin)		
		Jack Interface- USB 2.0,Digital Audio Out (Optical), External Speaker Out(3.5mm Phone Jack), RJ45(Usage Purpose) (LAN)		
		Digital (Terrestrial, Cable, Satellite) - DBV-T2/C		
		Smart Features - Smart Home (Launcher Bar), Web Browser, Pre-Loaded App, Play via URL SDP server Compatibility, Soft AP, Wifi (802.11ac),		
		Speaker- 10W X 2		
	Accessory- Remote Controller(include battery 2ea), Power Cord, QSG, HDMI Cable,			
	Warrenty- 3yr.			
	HDMI cable- 20mtr(1no) & 10mtr(ino) standard quality			
	Cat6 RJ 45 connector (100PC)			
	PVC BOX 5*5- DEDICATED FOR CAMERA MOUNTING			

### VC ROOM SETUP

#### Minimum Specification

#### **Specification of Commercial Displays 55"**

Qty.	1
Make	

## WEBEL TECHNOLOGY LIMITED

		Model		
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
13		Display Size(Diagonal) - 55"		
		Resolution - 3840x2160		
		Backlight Unit Type - Direct		
		Brightness - 400 nits		
		Dynamic Contrast Ratio (Dynamic MCI(Hz) - 1000000:1		
		Static( Panel) Contrast Ratio - 1300:1		
		Refresh Rate - 60Hz		
		HDR(10PRO/HLG) - yes		
		Speaker (Soud Output) - 10w+ 10w		
		Digital (Terrestrial, Cable, Satellite) - DBV-T2/C		
		Input Interface - HDMI IN(3(2.0)), Headphone Out (Phone Jack type),RS232(D-SUB9 pin/Phone Jack) ( Phone Jack 4 Pin)		
		Jack Interface - USB 2.0,Digital Audio Out (Optical), External Speaker Out(3.5mm Phone Jack), RJ45(Usage Purpose) (LAN)		
		Safty Certification - CB,CU,TR		
		Smart Features - Smart Home (Launcher Bar), Web Browser, Pre Loaded App, SDP server Compatibility, Soft AP, Wifi (802.11ac)		
	Screen Share - Miracast, Smart Share			
	Signage Features - Vertical Setup, NTP Server Setting, CISCO Certified Connectivity, Crestron connected( Network Based control), RTC(Real Time Clock), Time Scheduler, NTP Sync Timer, BEACON, Embedded CM(Content Manager)			
	Warrenty-3yr			

### Minimum Specification

#### Display 24" FHD

		Qty.	1	
		Make		
		Model		
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
14		Display Size(Diagonal) - 24"		



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	Resolution - 1920 x 1080		
	Panel Type - IPS		
	Connectivity: HDMI x 1, D-Sub x 1, Display Port x 1		
	Dynamic Contrast Ratio (Dynamic MCI(Hz)) - 1000000:1		
	Viewing Angle – 178degree		
	Refresh Rate - 75Hz		
	Image Aspect Ratio 16:9		
	Warrenty-3yr		

### Minimum Specification

#### PTZ camera with min. 12X zoom

Qty.		1		
Make				
Model				
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
15		Sensor - The camera sensor should be 1/2.7 inch high quality 2.07MP HD CMOS sensor or better.		
		White Balance - The camera should have an Option of Auto or Manual White Balance		
		Gain - The camera should have an auto Gain Control		
		Back Light Compensation- The camera should have a selectable Back-light compensation		
		Noise Reduction- 2D & 3D or better		
		S/N ratio - The camera should have a S/N Ratio of >55db.		
		Zoom - The camera should have a 12x optical zoom		
		Interface- The camera should have a standard Video Output and should support USB 3.0 or better		
		Signal Support- The camera should support 1080p@60fps		
		Control Port- The camera should have an RS 232 port for Communication		
		Presets- The camera should have at least 128 Position Presets		
		Field Of View- The camera should have 72.5 Degree or better field of view		
	Pan Range - The camera should have a Pan Rotation Angle of -170 degrees to +170 Degrees or better			
	Accessory- The camera should have a Pan Rotation Angle of -170 degrees to +170 Degrees or better			

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	Certificate - It should be BIS, CE, FCC, RoHS Certified		
	The OEM should have direct office in West Bengal for immediate technical support.		
	The OEM Must have valid ISO 9001:2015, ISO 27001:2013, ISO 14001:2015, ISO45001:2018 Certificate.		
	V C Solution OEM should presence in India minimum 10 Years. ( incorporation required).		
	OEM should have manufacturing unit/ factory in India. The same should be registered under 'Factory Registration' in India.		
	OEM should be in the Video Conference Line of Business from at least last 10 years. (Documented Proof Required). PO or Appreciation Letters for Video Conference Deployment from Government bodies, Government Undertaking prior to 2011 should be attached.		
	The Video Conference Camera, Audio Solution, Interactive Display (if it is part of solution) should be from the same OEM to avoid any integration Issues.		
	Warrenty - 1yr		

### Minimum Specification

#### Speakerphone

Qty.		1		
Make				
Model				
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
16		<b>Audio Technology</b> :- The system should have a DSP based Echo Cancellation>-65dB with echo tail of 500ms or better and bi Directional noise suppression of >-18dB or better		
		<b>Audio</b> :- It should have a frequency response of 20Hz-16KHz or better with a Microphone coverage of 3m, 360 degrees or better with 4 Integrated microphones. It should cover upto 5m or more with the help of 2 external microphones which can be extended with cables for larger room coverage from day 1.		
		<b>Audio Output</b> :- The Speaker volume should be 92dB or better.		
		<b>Audio For USB VoIP Network</b> :- It should have a Microphone and Speaker frequency band of 100Hz to 16KHz or better		

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	<b>Ports</b> :- It should have USB port for VoIP calling like InVC, Skype, etc. It should have AUX-OUT, Line-IN/OUT ports.		
	<b>Buttons</b> :- It should have Mute Indicator, Mute Mic, Mute Speaker, Vol Up/Down or more.		
	<b>Features</b> :- It should support AEC, AGC, NLP, Noise reduction or better.		
	<b>Certifications</b> :- It should have CE & latest CB Certification and also CB Test Reports to be submitted.		
	The OEM should have direct office in West Bengal for immediate technical support.		
	The OEM Must have valid ISO 9001:2015, ISO 27001:2013, ISO 14001:2015, ISO45001:2018 Certificate.		
	V C Solution OEM should presence in India minimum 10 Years. ( incorporation required).		
	OEM should have manufacturing unit/ factory in India. The same should be registered under 'Factory Registration' in India.		
	OEM should be in the Video Conference Line of Business from at least last 10 years. (Documented Proof Required). PO or Appreciation Letters for Video Conference Deployment from Government bodies, Government Undertaking prior to 2011 should be attached.		
	The Video Conference Camera, Audio Solution, Interactive Display (if it is part of solution) should be from the same OEM to avoid any integration Issues.		
	The Video Conference Camera, Audio Solution, Interactive Display (if it is part of solution) should be from the same OEM to avoid any integration Issues.		
	Warrenty - 1yr		

### Minimum Specification

#### Computing Device

		Qty.	1	
		Make		
		Model		
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
17		Aspect Ratio- 16:9 Aspect ratio		
		Video Resolution - support 1080p 30fps; 720p 30fps; 4CIF; VGA;CIF		
		Processor - Intel i5 10th Gen., 3.60 GHZ Max, 12MB		

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	Cache		
	RAM - 8GB		
	Storage - 256 GB SSD		
	Video port - 1x DisplayPort, 1x HDMI		
	Other Port - 4 x Internal USB3.0 or above		
	Audio port - Headphone / microphone combo jack (3.5mm)		
	Ethernet (RJ-45) - 1x Ethernet (RJ-45) port		
	Video Outputs - atleast 2 Video Outputs		
	Warrenty - 1yr		

	Active USB 3.0 active Cable - 10mtr.		
	Metalic moveble TV & Camera mounting Stand		

### **Conference Room Setup** **Minimum Specification** **PTZ camera with 12X zoom**

		Qty.	1	
		Make		
		Model		
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
18		Sensor - The camera sensor should be 1/2.7 inch high quality 2.07MP HD CMOS sensor or better.		
		White Balance - The camera should have an Option of Auto or Manual White Balance		
		Gain - The camera should have an auto Gain Control		
		Back Light Compensation- The camera should have a selectable Back-light compensation		
		Noise Reduction- 2D & 3D or better		
		S/N ratio - The camera should have a S/N Ratio of >55db.		
		Zoom - The camera should have a 12x optical zoom		
		Interface- The camera should have a standard Video Output and should support USB 3.0 or better		
		Signal Support- The camera should support 1080p@60fps		
		Control Port- The camera should have an RS 232 port for Communication		
	Presets- The camera should have at least 128 Position			

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	Presets		
	Field Of View- The camera should have 72.5 Degree or better field of view		
	Pan Range - The camera should have a Pan Rotation Angle of -170 degrees to +170 Degrees or better		
	Accessory- The camera should have a Pan Rotation Angle of -170 degrees to +170 Degrees or better		
	Certificate - It should be BIS, CE, FCC, RoHS Certified		
	The OEM should have direct office in West Bengal for immediate technical support.		
	The OEM Must have valid ISO 9001:2015, ISO 27001:2013, ISO 14001:2015, ISO45001:2018 Certificate.		
	V C Solution OEM should presence in India minimum 10 Years. ( incorporation required).		
	OEM should have manufacturing unit/ factory in India. The same should be registered under 'Factory Registration' in India.		
	OEM should be in the Video Conference Line of Business from at least last 10 years. (Documented Proof Required). PO or Appreciation Letters for Video Conference Deployment from Government bodies, Government Undertaking prior to 2011 should be attached.		
	The Video Conference Camera, Audio Solution, Interactive Display (if it is part of solution) should be from the same OEM to avoid any integration Issues.		
	Warrenty - 1yr		

### **Minimum Specification** **Interactive Display**

		Qty.	1	
		Make		
		Model		
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
19		Back Light Type and Panel Technology - Direct LED and IPS		
		Display Panel Diagonal size (mm) - 86"		
		Display Ratio - 16:09		

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Resolution - 3840 x 2160		
Display Colour - 1.07 Billion		
Brightness - $\geq 450$ cd/m <sup>2</sup> or more		
Screen Orientation - Landscape		
Viewing Angle - 178 ° or better viewing angle		
Response Time - Up to 8ms		
Lifetime - 50,000 hours or more		
Contrast Ratio - Static:- 1200:1 Dynamic:- 30000:1		
Speakers - in-built with the display		
No. Of speakers and Max.Power Output : - Touch Interactive Display shall have minimum of 2 speakers with the power of each speaker at 20 Watts or above		
Speaker Position :- Seamlessly integrated & in-built with the display. Front facing, Forward through		
Deployment of Touch Technology :- Advanced Infrared		
Thickness of the touch glass :- 4mm Toughened Glass		
Surface technology :- Anti-Glare		
Surface Treatment :- 9H or more		
Tolerance :- $\pm 2$ mm		
Touch Sensor :- Infrared or Capacitive		
Touch Points :- Must have a touch capability of minimum 20 points in windows and 20 points in android		
Writing Tool :- Shall support the use of Stylus Pen and Finger		
Front Interface - HDMI IN*1, USB Touch*1, USB3.0*3 (all systems are 3,0)		
Inputs :- HDMI IN*2, DP IN*1, Type C*1, VGA*1, VGA Audio IN*1, AV IN*1, YPbPr IN*1, USB2.0*1, Public USB3.0*1, Camera USB3.0*1, USB Touch*1, LAN IN*1		
Outputs :- SPDIF OUT*1, LAN OUT*1,HDMI*Out		
Other :- RS232*1		
CPU :- Quad-core A55 1.5GHz or Better		
GPU :- Quad-Core MaliG52 or Better		
Android version :- Android 11.0(With Playstore) or more		
Inbuilt WiFi :- Dual WIFI (5G & 2.4G), Dual Hotspot (5G & 2.4G), BT5.0		
RAM :- 4GB or more		
ROM :- 32GB or more		
Built-in Software:- Whiteboard, File Manager, Screen Mirroring, Chrome, Google Playstore, YouTube, WPS, Welcome Page, Settings, Calculator, User Manual, Float tool, Side tool bar, Note, Vote, Screen recording,Bluetooth.Blue light filter		

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Wireless Sharing :- Product should support wireless sharing with dedicated application and It should supports Miracast,Apple Airplay with 4 split screen feature		
<p>Writing Software:</p> <p>Product should have in built white board writing software with</p> <ul style="list-style-type: none"> <li>● Multiple pages access</li> <li>● 4xSplit screen</li> <li>● White board sharing through QR code and Email(SMTP and POP feature)</li> <li>● Customizable Background</li> <li>● Produces different effects according to the diameter and size of the input objects.</li> <li>● Fist/palm: identified as an eraser (100 pt).</li> <li>● Fine Pen (3mm): suggested to use while writing.</li> <li>● Thick Pen ( ≥ 8 mm)/ finger: suggested to use when you want to highlight</li> </ul>		
Mounting Capabilities:- Display must have facility to mount on floor stand or wall brackets		
Certification :- Proposed Product must have CE, FCC, RoHS and BIS certification. Submission of these Certifications as Proof.		
Provision for camera on top of the display :- It comes with dedicated camera mount provision with USB 3.0 connectivity on top of the display		
Provision of OPS slot :- nteractive display must have OPS slot for PC applications		
OPS :- It should be from same OEM, supplied with inbuilt OPS of i5, 8GB RAM and 256GB SSD Storage inbuilt in it and It should haveUSB2.0 x 2 ports,USB3.0x 4 ports,DP out x1 port, HDMI out x1 port.		
Suitable wall mount kit with accessories :- Equipment has to be supplied with suitable wall mount kit and accessories		
Storage Temperature/Humidity :- 10°C~45°C/5%~90%		
Power consumption:- 480 Watt		
Warranty:- 3 Years		

### **Minimum Specification** **AUDIO SYSTEM**

Qty.	1
Make	
Model	

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SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
20	<b>Wireless Conference Systems Controller Unit</b>	Professional wireless conference system with 4 operating modes, FIFO / LIFO / Limit / Chairman. Highly-flexible and customizable system supporting up to 200 units.10 secure UHF channels with editable frequencies for flexibility in complex applications. NOM (Number of Open Microphones) - Supports up to4 active units. Remote microphone ON/OFF and shut down. Built-in USB MP3 recorder with sequential file saving and storage. Intuitive camera tracking with industry-standard VISCA and PELCOD/P protocol compatibility.RS-232 and RS-485 camera controller interface. Easy sign-in and voting function for streamlined decision making. Automatic interference correction and anti-RF for drop out-free performance.DSP and noise gate for ambient noise suppression and audio clarity. Operating distance of up to 100 ft. (line of sight).User-friendly interface with responsive LCD touch screen. Easy-to-use, no operator required. Ideal for board rooms, conference rooms, legislative chambers and other large and complex meeting scenarios.		
	<b>Wireless Conference Systems Chairman Unit</b>	:- Sleek and classy 21” 2-bend gooseneck microphone with base. High-quality condenser microphone capsule for superior voice reproduction. Illuminated ON/OFF talk switch. Clear 2” TFT colour screen displays microphone ON/OFF status, connectivity status, selected channel number, unit ID, battery level, microphone ON time and analogue watch dial.LED ring to indicate ‘Mic Active’ status. Priority switch on the chairman unit to override all delegates during a discussion. Quick access switches to sign-in for voting function, increase/decrease volume and microphone number editing. Power supply options: Removable rechargeable battery or USB type-C connector (cable supplied).Long-lasting 20 hours battery life.Fully wireless for flexibility in fixed and mobile applications. The chairman unit has 'priority switch' to override all delegates during a discussion. Qty-2		
	<b>Wireless Conference Systems Delegate Unit</b>	:- Sleek and classy 21” 2-bend gooseneck microphone with base. High-quality condenser microphone capsule for superior voice reproduction. Illuminated ON/OFF talk switch. Clear 2” TFT colour screen displays microphone ON/OFF status, connectivity status, selected channel number, unit ID, battery level, microphone ON time and analogue watch dial.LED ring to indicate ‘Mic Active’ status. Quick access switches to sign-in for voting function, increase/decrease volume and microphone number editing. Power supply options: Removable rechargeable battery or USB type-C connector (cable supplied).Long-lasting 20 hours battery life. Fully wireless for flexibility in fixed and mobile applications. Qty-16		



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<b>High Quality Audio Interface</b>	High Quality Audio Interface. This Interface offers Studio Quality (16Bit/48kHz) Digital Recording. It also offers Low- latency digital streaming. It has switchable +48V Phantom power for high quality condenser microphones. It is compatible with Windows, Android & Mac IOS and it is totally suitable with popular DAW Software. It has USB 2.0 Bus powered for better connectivity with the computer. It has compact and durable aluminium body. It has 2 inputs (Mic/Line & Instrument level) and 2 output.		
<b>Wall Speaker 30Watts PA 2 Way</b>	2-Way Compact PA Wall Speakers High fidelity 2-Way speaker system in compact & attractive Black or White plastic housing. The suffix B & BT denote Black cabinet, and W & WT denote White cabinet. Ideal for various indoor and outdoor (under eaves) applications in Airports, Banks, Schools, Hotels, Restaurants, Lounges, Hospitals, Showrooms etc. Speaker is low impedance 8Ω speakers. Speakers are for use on 100V line with power taps of 30W, 20W, 15W, 10W & 5W. Comprises of a Water-Resistant PP coated cone Woofer, a Titanium Dome Tweeter and a 2-way Crossover Network. Easy power tap selection through a slotted rotary switch knob at the rear. 'U' type bracket for convenient & firm mounting of the wall speaker. Qty-4		
<b>PA Mixer Amplifier</b>	120 WATTS WITH BUILT-IN DIGITAL PLAYER. MEDIUM WATTAGE PA MIXER AMPLIFIER. 5 Mic & 2 Aux Inputs. Built-in MP3 player with remote control for USB, SD/MMC card reader. Line output for connecting to a Booster Amplifier and Preamplifier Output for recording the programme. Cut and Boost type Bass & Treble controls. Instant transfer to DC power (Car Battery) if AC power fails. 5 LED array for output level monitoring.		
<b>PA UHF Handheld Microphone</b>	Elegant & affordable high performance dual channel UHF wireless microphone available in different frequencies. Sturdy table-top dual channel receiver with frequency display. Separate volume control for both channels on the front panel of the receiver. Two handheld dynamic transmitters, each operating on 2 × 1.5V AA pencil cells. Separate balanced audio output from each channel through XLR connector and an unbalanced mixed output through 6.3mm (¼") jack socket available from the receiver. Receiver operates on 12V DC through an AC adaptor supplied along with the transmitter.		
	Active USB 3.0 cable 10mtr.		
	Two core Speaker cable 120mtr.		

### Minimum Specification of Network Items

#### Next Generation Firewall / Cyber Security Gateway Solution

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Qty.			1	
Make				
Model				
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
21	Hardware Architectu	The appliance based security platform should be capable of providing firewall, application visibility, Web Protection and IPS functionality in a single appliance		
		The appliance hardware should be a multicore CPU architecture with a hardened 64 bit operating system to support minimum 8GB memory. Should have dedicated network processor with additional RAM for hardware acceleration .		
		Should support minimum 120 GB SSD for logs & reports		
		The appliance should support at least 8 * 1G ports 2 * 1G SFP ports from day 1 . The appliance should have option to support additional 4 * 10G ports in future.		
		Should support at least 24 Gbps Firewall throughput & 5 Gbps of NGFW throughput		
		Proposed appliance should support at least 5 million concurrent sessions or more		
		Firewall should support at least 125K connections per second or more		
		Solution should have 11 Gbps of IPSec VPN throughput		
		Firewall Should support at least 1Gbps of Threat Protection Through ( Measured with Firewall, IPS, Application Control, and Malware prevention enabled )		
		Solution should have 1.4Gbps SSL/TLS inspection throughput & 2500 SSL VPN concurrent tunnel		
	Industry Certification	Solution should have FIPS & TEC certified		
		Solution should provide make in India certificate with minimum 60% local content		
		Solution should have common criteria EAL4+ certified		
	General Management	Purpose-built, streamlined user interface and firewall rule management for large rule sets with grouping with at-a-glance rule feature and enforcement indicators		
		Two-factor authentication (One-time-password) support for administrator access, user portal, IPSec and SSL VPN		
		Firewall should support TLS 1.3 inspection of encrypted traffic		
		Firewall should support Xstream FastPath technology for application acceleration		
		Firewall should be ready for Xtender Detection & Response and Synchronized SDWAN		

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	High Availability (HA) support clustering two devices in active-active or active-passive mode.		
	Full command-line-interface (CLI) accessible from GUI		
	Automated firmware update notification with easy automated update process and roll-back features		
	Reusable system object definitions for networks, services, hosts, time periods, users and groups, clients and servers		
	Jumbo Frame Support , Self-service user portal		
	SNMPv3 and Netflow support , API for 3rd party integration		
	Backup and restore configurations: locally, via FTP or email; on-demand, daily, weekly or monthly		
Firewall, Networking & Routing	Stateful deep packet inspection firewall		
	Network Flow FastPath acceleration for trusted traffic		
	User, group, time, or network based policies		
	Access time polices per user/group		
	Enforce policy across zones, networks, or by service type		
	Zone isolation and zone-based policy support		
	Default zones for LAN, WAN, DMZ, LOCAL, VPN and WiFi		
	Custom zones on LAN or DMZ		
	Customizable NAT policies with IP masquerading and full object support to redirect or forward multiple services in a single rule		
	Flood protection: DoS, DDoS and portscan blocking Country blocking by geo-IP		
	Routing: static, multicast (PIM-SM), and dynamic (RIP, BGP, OSPF)		
	Protocol independent multicast routing with IGMP snooping		
	Bridging with STP support and ARP broadcast forwarding		
VLAN DHCP support and tagging,VLAN bridge support			
	WAN link balancing: multiple Internet connections, auto-link health check, automatic failover, automatic and weighted balancing, and granular multipath rules		
	Full configuration of DNS, DHCP and NTP, 802.3ad interface link aggregation		
	IPv6 tunnelling support including 6in4, 6to4, 4in6, and IPv6 rapid deployment through IPSec		
	Flexible network or user based traffic shaping (QoS) (enhanced Web and App traffic shaping options included with the Web Protection subscription)		
	Set user-based traffic quotas on upload/download or total traffic and cyclical or non-cyclical		
Authenticatio n	Synchronized User ID utilizes Synchronized Security to share currently logged in Active Directory user ID between Sophos endpoints and the firewall without an agent on the AD server or client		

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	Authentication via: Active Directory, eDirectory, RADIUS, LDAP and TACACS+		
	Server authentication agents for Active Directory SSO, STAS, SATC		
	Single sign-on: Active directory, eDirectory, RADIUS Accounting		
	Client authentication agents for Windows, Mac OS X, Linux 32/64		
	Browser SSO authentication: Transparent, proxy authentication (NTLM) and Kerberos		
	Browser Captive Portal		
	Authentication certificates for iOS and Android		
	Authentication services for IPSec, SSL, L2TP, PPTP		
	Google Chromebook authentication support for environments with Active Directory and Google G Suite		
	Next Gen VPN Support	Site-to-site VPN: SSL, IPSec, 256-bit AES/3DES, PFS, RSA, X.509 certificates, pre-shared key	
L2TP and PPTP, Route-based VPN			
Remote access: SSL, IPsec, iPhone/iPad/ Cisco/Android VPN client support, IKEv2 Support			
SSL client for Windows and configuration download via user portal			
Encrypted HTML5 self-service portal with support for RDP, HTTP, HTTPS, SSH, Telnet, and VNC			
Authentication: Pre-Shared Key (PSK), PKI (X.509), Token and XAUTH			
Enables Synchronized Security and Security Heartbeat for remote connected users			
Unlimited IPSec & SSL client with unlimited 2factor mobile (android & IOS) authenticator license			
Single client support for IPSec & SSL remote VPN			
Mac and Windows Support			
Wireless Protection	Wireless controller with 50 access point management license from day 1		
	Multiple SSID support per radio including hidden SSIDs		
	Bridge APs to LAN, VLAN, or a separate zone with client isolation options		
	Support for IEEE 802.1X (RADIUS authentication) with primary and secondary server support		
	Support for 802.11r (fast transition)		
	Hotspot support for (custom) vouchers, password of the day, or T&C acceptance		
	Wireless guest Internet access with walled garden options		
	Time-based wireless network access		
	Wireless repeating and bridging meshed network mode with supported APs		

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<b>Intrusion Prevention (IPS)</b>	High-performance, next-gen IPS deep packet inspection engine with selective IPS patterns that can be applied on a firewall rule basis for maximum performance and protection		
	Minimum 5000 of signatures,Support for custom IPS signatures		
	Advanced Threat Protection (detect and block network traffic attempting to contact command and control servers using multi-layered DNS, AFC, and firewall)		
	Security Heartbeat instantly identifies compromised endpoints including the host, user,process, incident count, and time of compromise		
	Security Heartbeat policies can limit access to network resources or completely isolatecompromised systems until they are cleaned		
	Lateral Movement Protection further isolates compromised systems by having healthy -managed endpoints reject all traffic from unhealthy endpoints preventing the movement of threats even on the same broadcast domain		
<b>Web Protection and Control</b>	Fully transparent proxy for anti-malware and web-filtering		
	Enhanced Advanced Threat Protection		
	URL Filter database with millions of sites across 92 categories backed by OEM Labs		
	Surfing quota time policies per user/group ,Access time polices per user/group		
	Malware scanning: block all forms of viruses, web malware, trojans and spyware on HTTP/S, FTP and web-based email		
	Advanced web malware protection with JavaScript emulation		
	Live Protection real-time in-the-cloud lookups for the latest threat intelligence		
	Second independent malware detection engine for dual-scanning		
	HTTP and HTTPS scanning on a per user or network policy basis with customizable rules and exceptions		
	File type filtering by mime-type, extension and active content types (e.g. Activex, applets, cookies, etc.)		
	YouTube for Schools enforcement per policy (user/group)		
	SafeSearch enforcement (DNS-based) for major search engines per policy (user/group)		
	Web keyword monitoring and enforcement to log, report or block web content matching keyword lists with the option to upload customs lists		
	Block Potentially Unwanted Applications (PUAs)		
	Web policy override option for teachers or staff to temporarily allow access to blocked sites or categories that are fully customizable and manageable by select users		
User/Group policy enforcement on Google Chromebooks			

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	Control Center widget displays amount of data uploaded and downloaded to cloud applications categorized as new, sanctioned, unsanctioned or tolerated		
Application Protection and Control	Synchronized App Control to automatically, identify, classify, and control all unknown Windows and Mac applications on the network by sharing information between Sophos-managed endpoints and the firewall		
	Signature-based application control with patterns for thousands of applications		
	Cloud Application Visibility and Control to discover Shadow IT		
	App Control Smart Filters that enable dynamic policies which automatically update as new patterns are added		
	Micro app discovery and control		
	Application control based on category, characteristics (e.g., bandwidth and productivity consuming), technology (e.g. P2P), and risk level		
Zero Day Protection	Inspects executables and documents containing executable content (including .exe, .com, and .dll, .doc, .docx, docm, and .rtf and PDF) and archives containing any of the file types listed above (including ZIP, BZIP, GZIP, RAR, TAR, LHA/LZH, 7Z, Microsoft Cabinet)		
	Aggressive behavioral, network, and memory analysis		
	Suspicious files subjected to threat intelligence analysis in parallel with full sandbox analysis		
	Machine Learning technology with Deep Learning scans all dropped executable files		
	Includes exploit prevention and Cryptoguard Protection technology from endpoint security		
	In-depth malicious file reports and dashboard file release capability		
	Optional data center selection and flexible user and group policy options on file type, exclusions, and actions on analysis		
Sandboxing engine should have powered by AI analysis engine			
36 months License Includes	Network Protection Subscriptions (IPS,HTML5, ATP, Anti-malware),		
	Web Protection Subscriptions (URL, AppCtrl, Web/App Traffic Shaping),		
	Zero Day Protection		
	24 X 7 hardware & warranty support from OEM		

**Minimum Specification**

**24 Port Layer-3 Fiber Switch**

Qty.	2
Make	

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		Model		
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
22	Hardware	Layer-3 Fully Managed Stackable Switch having 24x 1G SFP slots with 4x combo 10/100/1000BaseT ports & 4x 10G SFP+ slots. Redundant Power Supply should be included. SFP slots support IEEE 802.3z & IEEE 802.3u compliant transceivers & SFP+ slots support IEEE 802.3z & IEEE 802.3ae compliant transceivers. 19" Rack Mountable with 1 RU height.		
	basic features from day one	The switch should have RJ45/mini-USB console port for Out of band CLI management & ethernet port for out of band IP management. It should have minimum one alarm port. Also have builtin hardware feature for both external event detection & alarm action. 6kV Surge protection on all RJ45 access ports. redundant power supply comfortable.		
		switching capacity: Min. 128Gbps & packet forwarding rate: Min. 95Mpps for 64-bytes packet size. virtual stacking capability of atleast 25 switches in a stack. Physical stacking capability with atleast 8 units per stack & atleast 40Gbps of stacking bandwidth. Stacking cable should be included from Day one.		
		Min. 64K MAC address table size. UDLD or equivalent features. 802.1s (MSTP) with atleast 64 MSTP instances. Avoidance of the loop occurring in a single port connected to an unmanaged switch/hub by shutting down the corresponding port or corresponding VLAN. Ethernet Ring Protection Switching (ERPS) with maximum 50milli second recovery time.		
		Min. 4K VLAN groups, 802.1Q, 802.1v protocol based VLAN, support VLAN classification based on ether type, Q-in-Q, GVRP with atleast 4K dynamic VLANs, Voice VLAN, Port-based VLAN, MAC-based VLAN, private VLAN, VLAN trunking, MVR (Multicast VLAN Registration) or equivalent feature. Default route, RIPv1, RIPv2, RIPng, OSPFv2v3, BGPv4, BGPv4+, Policy based route, Route preference, Route Redistribution, Bidirectional Forwarding Detection. IPv6 tunneling, VRRP, IP helper		
		Min. 16K routing table entry size with atleast 512 static route entry support. Default route, RIPv1, RIPv2, RIPng, OSPFv2v3, BGPv4, BGPv4+, Policy based route, Route preference, Route Redistribution, Bidirectional Forwarding Detection, IPv6 tunneling, VRRP. IGMPv1v2v3, MLDv1v2, DVMRPv3, PIM-SM, PIM-DM, PIM-SSM, MSDP		
		Web based -GUI (IPv4 & IPv6), CLI, telnet server & client (IPv4 & IPv6) , TFTP client (IPv4 & IPv6), FTP client (IPv4 & IPv6), SFTP server, Zmodem, SNMPv1v2cv3, Syslog. sFlow, ICMPv6. RMONv1 & v2, LLDP, LLDP-MED, BootP & DHCP client supporting both IPv4 & IPv6, DHCP relay option 60 & 61. 802.3ah ethernet link OAM, 802.1ag CFM, Dying gasp.		
		Broadcast, multicast & unicast storm control. Protection of the CPU from protocol control packet attack. DHCP server screening, DHCP client filtering, ARP spoofing prevention, BPDU attack prevention, DoS attack prevention.		

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	<p>OEM offered must have ISO 9001, ISO 14001 &amp; ISO 45001:2018 certified for design and development of LAN and WAN products. ISO/IEC 27001: 2013, ISO 14064-1: 2006, IEC 62443-4-1: 2018. OEM should have their Own service centre running &amp; operational within the state of installation (West Bengal ). OEM should have a registered office in India and should be directly present for last 20 years in India and globally</p>		
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### Minimum Specification

#### 24 Port Layer-2 Switch

Qty.		9		
Make				
Model				
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
23	Hardwar	Layer-2 Managed Switch having 24x10/100/1000BaseT Ports & 4x10G SFP+ slots. Switching Capacity: Min. 128Gbps, Packet Forwarding Rate: Min. 95Mpps for 64-byte packet size. physical stacking with atleast 6 units per stack & stacking bandwidth of 40Gbps. non-blocking architecture. 10G port based true physical stacking		
		MAC Table: Atleast 16000. IGMP v1 v2 snooping with atleast 512 IGMP snooping groups, IGMP snooping querier. MLD snooping with atleast 512 MLD snooping groups. IEEE802.1D STP, 802.1w RSTP,802.1s MSTP with atleast 8 MSTP instances, Root guard or equivalent feature.		
		IEEE 802.1Q VLAN, atleast 4000 Static VLANs, 4000 Dynamic VLANs Groups, GVRP, Voice-VLAN. ITU-T G.8032 Ethernet Ring Protection Switching (ERPS) protocol with maximum 50milli second recovery time.		
		IEEE 802.1p support with 8 queues per port. Support strict, WRR queue handling technique. CoS based on VLAN, IP address, DSCP, 802.1p priority. standard & extended Access control lists. Atleast 256 Access Lists. Time based ACL. Port-based ingress & egress rate control.		
		Min. atleast 64 static routes, default root, at least 8nos. Of IP interfaces & IPv6 Neighbor Discovery from first day.		
		Web-based GUI, CLI, Telnet Server, TFTP Client, SNMPv1v2cv3, SNMP trap, DHCP Client, SNTP, RMONv1, Syslog, ICMPv6, DHCP Relay, LLDP, LLDP-MED, Dual Image support, Physical console port for Out of band management.IPv4 & IPv6 Dual Stack. Support energy saving green technology based on link status & IEEE 802.3az.		
		SSHv1 v2 for IPv4 & v6, SSLv1 v2 v3 for IPv4 & v6, Broadcast/Multicast & Unicast storm control, port security feature with atleast 128 MAC per port, IEEE 802.1x port based authentication, DAI (Dynamic ARP Inspection), DoS attack prevention, Binding of IP address & MAC address with physical port, IPv6 neighbour discovery inspection. Dynamic VLAN assignment, Guest VLAN, RADIUS & TACACS+.		
		IEEE 802.3ad Link Aggregation with atleast 8 ports per groups & 8 groups per switch.		



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		OEM offered must have ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products. ISO/IEC 27001: 2013, ISO 14064-1: 2006, IEC 62443-4-1: 2018. OEM should have their Own service centre running & operational within the state of installation (West Bengal ). OEM should have a registered office in India and should be directly present for last 20 years in India and globally		
		All switches should be from same make		

### Minimum Specification

#### 1000Base-LX Single-Mode, 10KM SFP Module

Qty.		40		
Make				
Model				
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
24		1000BaseLx Single Mode SFP Transceiver with Duplex LC Connector		
		Support IEEE 802.3ae standard		
		Atleast 10Km distance support on single mode fiber interface		
		Transceiver module should be hot pluggible. MSA Compliant		
		Operating wavelength: 1310nm		
		Should be same make as switches.		
		Transceivers should be from same make of switches.		
		OEM offered must be in steady and profitable business in India at-least for each of the last 10 Financial years ( FY 2013-14 to 2022-23 ) . Bidder shall have to submit audited Balance Sheet in support of their claim.		
		OEM should have valid ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products, all the relevant certificates must be submitted along with the bid.		
		The OEM must not be blacklisted or banned by any State/Central Government, Semi Government or PSU and any other GOVT. organization in INDIA and Globally.		
	OEM should have a registered office in India and should be directly present for last 20 years in India and globally, from date of RFP publication.			
	OEM should have valid ISO/IEC 27001: 2013 Information Security Management System Certification. Certificate must be submitted along with the bid otherwise it may cause for rejection of bid.			

### Minimum Specification

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### 9U Wall Mount Indoor Rack

Qty.			9	
Make				
Model				
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
25		9U, 19" 550mm Width, 600mm Depth, Wall Mount Networking Enclosure. It should confirm to DIN 41494 or equivalent standard. It should be welded construction with steel frame. Lockable tough ended glass front door. 19" mounting angle made of formed steel. Powdered coated standard finish. Top & Bottom welded cover with vented & cable entry exit cut outs. 2 pair of 19" mounting rails. 1U Cable Manager. Roof Mounted Fan Unit (1Nos.). 230V AC, 6 way, 5/15 Amp Power Distribution Unit. Mounting Hardware.		
		OEM offered must be ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products. ISO 14064-1: 2006, OEM should have Average Annual Financial Turnover not less than 250 Crores for their business in India for the last five financial years. OEM should have their Own service centre running & operational within the state of installation (West Bengal). Rack OEM should have one single order of rack for min. 1000 nos. from any Govt Dept / PSU / Govt. undertaking within last five financial year from the date of RFP. The Rack OEM should have their own sales office & own service center in West Bengal. OEM declaration / document need to be submitted.		

### Minimum Specification

#### 48 Port Fully Loaded LIU

Qty.			2	
Make				
Model				
SL No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
26		48-Port, 19" Rack Mount LIU Fully Loaded with Single Mode LC Adapters		
		Aluminium & Steel base material with powder coating for light mounting		
		Snap-in locker design, easy to change the adapter panels		
		It should have facility for managing splices & terminations		
		It should be capable of storing upto 3mtr of 900micron tight buffered fiber per adapter		

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	It should have snap-in locker design for easy to change adapter panels for various connector patching		
	It should have removable rubber grommet allowing for pre-terminated fibre trunk installation, cable protection & minimizing dust build-up.		
	It should have atleast 4 rubber cable plugs for cable entries.		
	It should have removable front & top covers for better access to interior of LIU		
	It should be supplied with cable ties, mounting ear screws and cable saddle		
	All Passive items should be from Same Make		
	OEM offered must have ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products. ISO/IEC 27001: 2013, ISO 14064-1: 2006, IEC 62443-4-1: 2018. OEM should have their Own service centre running & operational within the state of installation (West Bengal).		

### **Minimum Specification** **12 Port Fully Loaded LIU**

Qty.		10		
Make				
Model				
SL. No.	Component	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
27		12-Port, 19" Rack Mount LIU Fully Loaded with Single Mode LC Adapters		
		Aluminium & Steel base material with powder coating for light mounting		
		Snap-in locker design, easy to change the adapter panels		
		It should have facility for managing splices & terminations		
		It should be capable of storing upto 3mtr of 900micron tight buffered fiber per adapter		
		It should have snap-in locker design for easy to change adapter panels for various connector patching		
		It should have removable rubber grommet allowing for pre-terminated fibre trunk installation, cable protection & minimizing dust build-up.		
		It should have atleast 4 rubber cable plugs for cable entries.		
		It should have removable front & top covers for better access to interior of LIU		
		It should be supplied with cable ties, mounting ear screws and cable saddle		
	All Passive items should be from Same Make			

## WEBEL TECHNOLOGY LIMITED

	OEM offered must have ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products. ISO/IEC 27001: 2013, ISO 14064-1: 2006, IEC 62443-4-1: 2018. OEM should have their Own service centre running & operational within the state of installation (West Bengal ).		
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SL. No.	Component	LC Pigtail SM	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
28		Multi Mode LC Pigtail - 1Mtr		
		Provide a field installable Single mode LC pigtails		
		Utilize a UPC polishing on the tip to provide high yield during installation.		
		Meet TIA/EIA 568.C.3 standards for repeatability.		
		Insertion Loss (Max): <0.3 db Max.		
		Mating Cycle : 1000 Times		
		Return Loss : ≥ 50 db for UPC		
		Connector ferrule: Ceramic		
		retention strenght: 20N		
		Operating Temp.: (- 10 deg. C to + 70 deg. C)		
		Buffer diameter: 900um Tight buffer		
		Types : LC Type Simplex		
		All Passive items should be from Same Make		
	OEM offered must have ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products. ISO/IEC 27001: 2013, ISO 14064-1: 2006, IEC 62443-4-1: 2018. OEM should have their Own service centre running & operational within the state of installation (West Bengal ).			

SL. No.	Component	Single Mode OFC 6 Core	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
29		6 Core Single Mode Outdoor Armored Fiber Optic Cable		
		Electro Chromium Coated Corrugated Steel Tape (ECCS)		
		Central loose tube with jelly compound		
		Sequential meter marking		
		Armoured Design with Steel music Wire		
		Outer Diameter: 7.2±0.5mm		
		Thickness of HDPE Jacket: 1.8±0.2mm		

## WEBEL TECHNOLOGY LIMITED

	Pulling Tension: Short Term (1000N)		
	Crush Load: 2000N/100mm		
	Bend Radius: Short Term (20D)		
	The fiber type is a Matched Cladding Single Mode		
	The fiber is optimized for operation at 1310 nm and at 1550 nm.		
	Nominal Mode Field Diameter: 9.3 μm		
	Cladding Diameter: 125 μm		
	PMD (ps/km): 0.2		
	Cable Cut-off Wavelength: 1260nm		
	<b>Attenuation (of cable with fibers):</b>		
	At 1310 nm: ≤ 0.38 dB/km		
	At 1550 nm : ≤ 0.25 dB/km		
	Operating Temperature should be within -20°C to +60°C		
	All Passive items should be from Same Make		
	OEM offered must have ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products. ISO/IEC 27001: 2013, ISO 14064-1: 2006, IEC 62443-4-1: 2018. OEM should have their Own service centre running & operational within the state of installation (West Bengal ).		

SL. No.	Component	CAT-6 UTP Cable	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
30		Category 6 Unshielded Twisted Pair 4 pair cable shall be compliant with ANSI/TIA-568-C.2 channel performance		
		The 4 pair Unshielded Twisted Pair cable shall be UL Listed, ETL Verified		
		All Category 6 cables shall meet or exceed the following characteristics:		
		Mechanical Characteristics		
		Construction: 4 twisted pairs separated by internal X shaped, 4 channel, full separator. Half shall not be accepted.		
		Conductor dia: 23 AWG		
		Insulation: High density polyethylene		
		Pairing: Two insulated conductor twisted together		
		No.of Pair: 4 pairs		
		Color of sheath: FR-PVC GREY- Single sheath		
		Rip Cord should be available		
		Sequential meter marking should be available		
		Temperature Rating: (- 20 to +60 C)		
		Packing : 305 Mtrs.		
	<b>Low Frequency Electrical Parameter</b>			

## WEBEL TECHNOLOGY LIMITED

	Conductor Resistance: $\leq 9.38$ OHMS/100 MTR		
	Resistance Unbalance: 5% Max		
	Mutual Capacitance: $< 5.6$ nF/100 mtrs		
	Capacitance Unbalance: 330pF/100M		
	Delay Skew: $< 45$ ns		
	Generally confirming to EIA/TIA 568-C.2 and ISO 11801 Class E		
	All Passive items should be from Same Make		
	OEM offered must have ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products. ISO/IEC 27001: 2013, ISO 14064-1: 2006, IEC 62443-4-1: 2018. OEM should have their Own service centre running & operational within the state of installation (West Bengal ).		

SL. No.	Component	Cat 6, 24 Port Fully Loaded Patch Panel	Specification (Quoted / Applicable - by the bidder)	Compliance Y/N	
31		24-Port Cat6 Fully-loaded UTP Patch Panel			
		Patch Panel made of powder coated steel, in 24 port configurations.			
		Allow for a minimum of 200 re-terminations without signal degradation below standards compliance limit.			
		Have port identification numbers on the front of the panel.			
		IDC: Suitable for 22-26 AWG stranded and solid wire compatible with both 110 & Krone punch down tools			
		The Cat-6 transmission performance is in compliance with the ANSI/TIA/EIA 568C.2 standard			
		<b>Mechanical Characteristics:</b>	Plastic Housing: PBT+Glass Fiber, UL94V-0 rated		
		<b>Jack Connector</b>	Operating Life: Minimum 750 insertion cycles		
			Material: Phosher bronze with nickel plated		
			Contact Plating: 50 $\mu$ " Gold plated on plug contact area		
		<b>IDC Connector</b>	Plastic Housing: Polycarbonate		
			IDC Contact Plating: Phosphor bronze with tin plated		
			Wire Accommodation: 22-26 AWG solid		
	Contact resistance: 20Milliohms				
	Insulation resistance: 100 MegaOhms @ 500V DC				
		All Passive items should be from Same Make			
		OEM offered must have ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products. ISO/IEC 27001: 2013, ISO 14064-1: 2006, IEC 62443-4-1: 2018. OEM should have their Own service centre running & operational within the state of installation (West Bengal ).			

## WEBEL TECHNOLOGY LIMITED

SL No.	Component	Cat 6 UTP I/O, Single Port Face Plate, Back Box	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
32		Single Port Cat6 UTP Information Outlet with Face Plate & Surface Mount Box		
		Write on labels in transparent plastic window – supplied with plate		
		Face Plate with shutter		
		Should be able to support variety of jacks – UTP, STP etc.		
		Category 6, TIA568 C.2		
		All information outlets for 22-26 AWG copper cable shall:		
		Use insulation displacement connectors (IDC)		
		Allow for a minimum of 200 re-terminations without signal degradation below standards compliance limits.		
		<b>Jack Specification:</b>		
		Plastic Housing: Polycarbonate, UL94V-2 rated or equivalent		
		Operating Life: Minimum 750 insertion cycles		
		Contact Material: Phosphor Bronze with nickel plated		
		Contact Plating: 50 microns gold on plug contact area		
		IDC : Housing PC , UL 94 V-2, 568A/B configuration		
		Operating Life: Minimum 200 Re-terminations		
		IDC Contact Plating: Phosphor bronze with tin plated		
		Operation Temp: -10 C to 60 C		
		Keystone of I/O should be UL Listed. Back box should be of same make as keystone jack & face plate.		
	All Passive items should be from Same Make			
	OEM offered must have ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products. ISO/IEC 27001: 2013, ISO 14064-1: 2006, IEC 62443-4-1: 2018. OEM should have their Own service centre running & operational within the state of installation (West Bengal ).			

SL No.	Component	Single Mode LC-LC Duplex Optical Fibre Patch Cord, 2 meter	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
33		Single Mode LC-LC Duplex Patch Cord - 2Mtr		

## WEBEL TECHNOLOGY LIMITED

	Optical fiber patch leads shall comprise of Single mode 9/125µm fiber with LC-LC fiber connectors terminated at each end. The optical fiber patch leads shall comply with the following specifications:		
	Optical Fiber – Single mode		
	Connector: Ceramic ferrule		
	Pre-radiuses and pre-polished ferrule		
	Duplex Type		
	Color-coded yellow for Single mode		
	Insertion Loss : <0.3 db		
	Cable: 9/125, SM		
	Return Loss: >= 50dB for UPC		
	Durability: 1000 mating cycle		
	Working Temp: (- 10 deg. C to + 60 deg. C)		
	Length: 2 Meter		
	All Passive items should be from Same Make		
	OEM offered must have ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products. ISO/IEC 27001: 2013, ISO 14064-1: 2006, IEC 62443-4-1: 2018. OEM should have their Own service centre running & operational within the state of installation (West Bengal ).		

SL. No.	Component	Cat 6 UTP Factory Crimped Patch Cord Length 1 meter	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
34		Category 6 UTP Patch Cord – 1Mtr		
		Conductor size: 24 AWG multi-strands bare copper		
		Jacket: FR-PVC		
		Operating life: Minimum 750 insertion cycles		
		Contact blade: Copper Alloy		
		Operating temperature: -10°C to 60°C		
		Factory Crimped Patch Cord with Factory Moulded Boot		
		All Passive items should be from Same Make		
	OEM offered must have ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products. ISO/IEC 27001: 2013, ISO 14064-1: 2006, IEC 62443-4-1: 2018. OEM should have their Own service centre running & operational within the state of installation (West Bengal ).			



## WEBEL TECHNOLOGY LIMITED

SL No.	Component	Cat 6 UTP Factory Crimped Patch Cord Length 3 meter	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
35		Category 6 UTP Patch Cord – 3Mtr		
		Conductor size: 24 AWG multi-strands bare copper		
		Jacket: FR-PVC		
		Operating life: Minimum 750 insertion cycles		
		Contact blade: Copper Alloy		
		Operating temperature: -10°C to 60°C		
		Factory Crimped Patch Cord with Factory Moulded Boot		
		All Passive items should be from Same Make		
		OEM offered must have ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products. ISO/IEC 27001: 2013, ISO 14064-1: 2006, IEC 62443-4-1: 2018. OEM should have their Own service centre running & operational within the state of installation (West Bengal ).		
SL No.	Component	3 KVA ONLINE UPS SYSTEM	Specification (Quoted / Applicable – by the bidder)	Compliance Y/N
36	CAPACITY	- 3KVA/2.4 KW@0.8 P.F or more		
	Technology	3 KVA online rack-mount UPS. UPS should have facility for installation as tower model easily (rack-tower convertibility). Each UPS should be with SNMP card & have provisioning for monitoring with a Cloud-based software for providing 24/7 visibility through live data, smart alarming, and data-driven insights on the health of connected assets directly to a smartphone through an ANDROID or iOS based APP which can be downloaded from Google or Apple Store as well as standard windows laptop/PC. The software should be able to monitor all connected infra equipment such as UPS, Cooling (AC), PDU, Access Control, Fire Alarm etc.(irrespective of make & model – vendor neutral)) Note: The UPS and Monitoring software should be from same OEM with license for at least 5 years Detailed Datasheet of Software Solution and web link should be provided.		
		Rack height (U) - 2U max		
		<b>AC Input voltage range</b> - 160 – 280VAC, single phase UPS @100% load.		
		UPS Efficiency at full load double conversion mode - $\geq 90\%$		
		Input frequency range - 40-70hz (auto sensing)		
		Ac output voltage - Configurable for 220:230:240 V		
		Output frequency - 50/60 Hz $\pm$ 0.1 Hz (free run) and $\pm$ 3 Hz (sync to mains)		
		Wave form - Pure sine wave (output)		
		Input protection - Through circuit breaker		
		Surge Energy rate - 600 joules		
		Harmonic distortion - $< 3\%$ for 100% linear load		

## WEBEL TECHNOLOGY LIMITED

	Crest factor - 3:1		
	Alarms - On battery; low battery alarm; overload		
	LCD - Multifunction rotatable LCD and control console for displaying below parameters: Output voltage & frequency; Input voltage & frequency; State of battery charge; Battery voltage; Ambient temperature; Remaining On Battery runtime; Load level in percentage; Load level in kVA; Total Ah capacity of connected battery; On Line Operation; On Battery Operation; Bypass Operation; System Alerts; Overload; Green Mode; Event Log .		
Battery back up	- Battery backup of upto 30 minutes on IT printer + led bulb load using 12V SMF VRLA Batteries. VAH should be minimum 1872 VAH. Battery Qty, AH rating and DC voltage to be mentioned along with Datasheet.(26AhX6 Prefer)		
	Battery make: Exide/Quanta/Panasonic		
Interface port	s - Serial RS-232, USB, SNMP		
Licence or certification	Certification -The Bidders/OEM should have submitted valid mentioned below • ISO 9001, ISO 14001; • UPS product datasheet, user manual to be submitted along with technical bid. The same is inherently required to evaluate technical specification. The datasheet, user manual & other technical documents should be easily accessible in OEM website		

- Bidder should submit all relevant data sheet/brochure of all quoted items and should also available in respective OEM's official website.
- Bidder should indicate items mentioned in the OEM data sheet / brochure by marketing as mentioned in minimum specification in the RFP

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Stamp of the Company: \_\_\_\_\_

# WEBEL TECHNOLOGY LIMITED

## SECTION – J

### DETAILS OF ORDERS EXECUTED BY BIDDER

(Tender WTL/ADDA/HWNW/24-25/003 dated 05.07.2024)

Sl. No.	Order No.	Order Date	Order Value	Brief description of items and job details	Completed (Yes/NO)	Name of the Customer	Contact details of the Customer

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Stamp of the Company: \_\_\_\_\_

**Note:**

- A. Type of Project shall indicate the implementation of services (Delivery & Installation of Desktop Computer, Printer, Scanner, CCTV, Display Screen and UPS).
- B. Scope of work shall indicate whether it is implementation, Operation or maintenance.
- C. Submit Customer Order Copy details of the order indicating the project value, customer contact details.

# WEBEL TECHNOLOGY LIMITED

## SECTION - K

### FINANCIAL CAPABILITY OF BIDDER

(Tender No. WTL/ADDA/HWNW/24-25/003 dated 05.07.2024)

#### FINANCIAL INFORMATION

Sl. No.	Name of the Bidder	Turnover (Rs. / Crores)		
		2020-21	2021-22	2022-23
1				

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Stamp of the Company: \_\_\_\_\_

**Note:**

Submit the audited financial statement/ audited annual report of the last three financial years.

# WEBEL TECHNOLOGY LIMITED

## SECTION – I

### BIDDERS'S DETAILS

(Tender No. WTL/ADDA/HWNW/24-25/003 dated 05.07.2024)

1	Name of the Firm	
2	Registered Office Address	
	Contact Number	
	Fax Number	
	E-mail	
3	Correspondence / Contact address	
	Name & Designation of Contact person	
	Address	
	Contact Number	
	Fax Number	
4	Is the firm a registered company? If yes, submit documentary proof	
	Year and Place of the establishment of the company	
6	Former name of the company, if any	
7	Is the firm <ul style="list-style-type: none"><li>• a Government/ Public Sector Undertaking</li><li>• a propriety firm</li><li>• a partnership firm (if yes, give partnership deed)</li><li>• a limited company or limited corporation</li><li>• a member of a group of companies, (if yes, give name and address and description of other companies)</li><li>• a subsidiary of a large corporation (if yes give the name and address of the parent organization). If the company is subsidiary, state what involvement if any, will the parent company have in the project.</li></ul>	
8	Is the firm registered with Sales Tax department? If yes, submit valid GST Registration certificate.	
9	Is the firm registered for Service Tax with Central Excise Department (Service Tax Cell)? If yes, submit valid Service Tax registration certificate.	
10	Total number of employees. Attach the organizational chart showing the structure of the organization.	
11	Are you registered with any Government/ Department/ Public Sector Undertaking (if yes, give details)	
12	How many years has your organization been in business under your present name? What were your fields when you established your organization	

## WEBEL TECHNOLOGY LIMITED

13	<p>What type best describes your firm? (Purchaser reserves the right to verify the claims if necessary)</p> <ul style="list-style-type: none"> <li>• Manufacturer</li> <li>• Supplier</li> <li>• System Integrator</li> <li>• Consultant</li> <li>• Service Provider (Pl. specify details)</li> <li>• Software Development</li> <li>• Total Solution provider (Design, Supply , Integration, O&amp;M)</li> </ul>	
	<input type="checkbox"/> IT Company	
14	Number of Offices in district head quarters in West Bengal	
15	Is your organization has ISO 9001:2015 certificates?	
16	List the major clients with whom your organization has been / is currently associated.	
17	Have you in any capacity not completed any work awarded to you? (If so, give the name of project and reason for not completing the work)	
18	Have you ever been denied tendering facilities by any Government / Department / Public sector Undertaking? (Give details)	

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Company Rubber Stamp: \_\_\_\_\_

**WEBEL TECHNOLOGY LIMITED**

**SECTION – N**

**MANUFACTURER’S AUTHORIZATION FORM**

Date.

To  
Webel Technology Limited  
Plot-5, Block-BP, Sector-V Salt Lake  
Kolkata-700 091

Ref. Tender No. WTL/ADDA/HWNW/24-25/003 dated 05.07.2024

Whereas ..... we are official producers of ..... and having production facilities at ..... do hereby authorize ..... located at ..... (hereinafter, the “Bidder”) to submit a bid of the following products produced by us, for the supply requirements associated with the above invitation for Bids.

When resold by ..... these products are subject to our applicable standard end user warranty terms.

We assure you that in the event of .....not being able to fulfil its obligation as our service provider in respect of our standard warranty terms we would continue to meet our warranty terms through alternate arrangement.

We also confirm that ..... is our authorized service provider/system integrator and can hence provide maintenance and upgrade support for our products.

We also confirm that the products quoted are on our current product list and are not likely to be discontinued within 6 (Six) years from the day of this letter. We assure availability of spares for the products for the next three years after three years warranty.

We also confirm that the material will be delivered as per delivery schedule against above mentioned tender from the date of placement of confirmed order.

Name In the capacity of

Signed

Duly authorized to sign the authorization for and on behalf of .....

Dated on .....day of .....2024

Note. This letter of authority must be on the letterhead of the Manufacture and duly signed by an authorized signatory.





# WEBEL TECHNOLOGY LIMITED

## SECTION – P

### PROFORMA FOR PERFORMANCE BANK GUARANTEE

(On non-judicial stamp paper of appropriate value to be purchased in the name of executing Bank)

#### PROFORMA OF BANK GUARANTEE FOR SECURITY DEPOSIT –CUM-PERFORMANCE GUARANTEE

Ref ..... Bank Guarantee no.....

Date.....

#### PROFORMA OF BG FOR SECURITY DEPOSIT

KNOW ALL MEN BY THESE PRESENTS that in consideration of WEBEL TECHNOLOGY LIMITED, a Government of West Bengal Undertaking incorporated under the Companies Act, 1956 having its Registered office at Plot-5, Block-BP, Sector-V, Kolkata-700091 (hereinafter called "The Purchaser") having agreed to accept from \_\_\_\_\_ (hereinafter called "The Contractor") Having its Head Office at \_\_\_\_\_, a Bank guarantee for Rs. \_\_\_\_\_ in lieu of Cash Security Deposit for the due fulfillment by the Contractor of the terms & conditions of the Work Order No.

\_\_\_\_\_ dated \_\_\_\_\_ issued by the Purchaser for \_\_\_\_\_ (hereinafter called "the said work order \_\_\_\_\_ dated \_\_\_\_\_"). We \_\_\_\_\_ (Name & detailed address of the branch) (hereinafter called "the Guarantor") do hereby undertake to indemnify and keep indemnified the Purchaser to the extent of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) only against any loss or damage caused to or suffered by the Purchaser by reason of any breach by the Contractor of any of the terms and conditions contained in the said Work Order No. \_\_\_\_\_ dated \_\_\_\_\_ of which breach the opinion of the Purchaser shall be final and conclusive.

(2) AND WE, \_\_\_\_\_ DO HEREBY Guarantee and undertake to pay forthwith on demand to the Purchaser such sum not exceeding the said sum of \_\_\_\_\_ Rupees \_\_\_\_\_) only as may be specified in such demand, in the event of the Contractor failing or neglecting to execute fully efficiently and satisfactorily the order for \_\_\_\_\_ Work Order no. , \_\_\_\_\_ dated \_\_\_\_\_

(3) WE \_\_\_\_\_ further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said order as laid down in the said Work Order No. \_\_\_\_\_ dated \_\_\_\_\_ including the warranty obligations and that it shall continue to be enforceable till all the dues of the Purchaser under or by virtue of the said Work Order No. \_\_\_\_\_ dated \_\_\_\_\_ have been fully paid and its claims satisfied or is charged or till the Purchaser or its authorized representative certified that the terms and conditions of the said Work Order No. \_\_\_\_\_ dated \_\_\_\_\_ have been fully and properly carried out by the said contractor and accordingly discharged the guarantee.

(4) We \_\_\_\_\_ the Guarantor undertake to extend the validity of Bank Guarantee at the request of the contractor for further period of periods from time to time beyond its present validity period failing which we shall pay the Purchaser the amount of Guarantee.

(5) The liability under the Guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) only and will expire on \_\_\_\_\_ and unless a claim in writing is presented to us or an action or suit to enforce the claim is filed against us within 6 months from \_\_\_\_\_ all your rights will be forfeited and we shall be relieved of and discharged from all our liabilities (thereinafter)

## **WEBEL TECHNOLOGY LIMITED**

- (6) The Guarantee herein contained shall not be determined or affected by liquidation or winding up or insolvency or closer of the Contractor.
- (7) The executants has the power to issue this guarantee on behalf of Guarantor and holds full and valid power of Attorney granted in his favour by the Guarantor authorizing him to execute the Guarantee.
- (8) Notwithstanding anything contained herein above, our liability under this guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) only and our guarantee shall remain in force up to \_\_\_\_\_ and unless a demand or claim under the guarantee is made on us in writing on or before \_\_\_\_\_ all your rights under the guarantee shall be forfeited and we shall be relieved and discharged from all liabilities there under.

WE, \_\_\_\_\_ lastly undertake not to revoke this guarantee during the currency except with the previous consent of the Purchaser in writing. In witness whereof we \_\_\_\_\_ have set and subscribed our hand on this \_\_\_\_\_ day of \_\_\_\_\_.

SIGNED, SEALED AND DELIVERED

\_\_\_\_\_  
(Stamp of the executants)

WITNESS

1) \_\_\_\_\_

2) \_\_\_\_\_

(Name & address in full with Rubber Stamp)

# **WEBEL TECHNOLOGY LIMITED**

## **INSTRUCTIONS FOR FURNISHING BANK GUARANTEE**

1. Bank Guarantee (B.G.) for Advance payment, Mobilization Advance, B.G. for security Deposit-cumPerformance Guarantee, Earnest Money should be executed on the Non- Judicial Stamp paper of the applicable value and to be purchased in the name of the Bank.
2. The Executor (Bank authorities) may mention the Power of Attorney No. and date of execution in his/her favour with authorization to sign the documents. The Power of Attorney is to be witnessed by two persons mentioning their full name and address.
3. The B.G. should be executed by a Nationalised Bank/ Scheduled Commercial Bank preferably on a branch located in Kolkata. B.G. from Co-operative Bank / Rural Banks is not acceptable.
4. A Confirmation Letter of the concerned Bank must be furnished as a proof of genuineness of the Guarantee issued by them.
5. Any B.G. if executed on Non-Judicial Stamp paper after 6 (six) months of the purchase of such stamp shall be treated as Non-valid.
6. Each page of the B.G. must bear signature and seal of the Bank and B.G. Number.
7. The content of the B.G. shall be strictly as Proforma prescribed by WTL in line with Purchase Order /LOI/ Work Order etc. and must contain all factual details.
8. Any correction, deletion etc. in the B.G. should be authenticated by the Bank Officials signing the B.G.
9. In case of extension of a Contract the validity of the B.G. must be extended accordingly.
10. B.G. must be furnished within the stipulated period as mentioned in Purchase Order / LOI / Work Order etc.
11. Issuing Bank / The Bidder are requested to mention the Purchase Order / Contract / Work Order reference along with the B.G. No. For making any future queries to WTL.

# WEBEL TECHNOLOGY LIMITED

## **SECTION - Q**

### **SERVICE LEVEL AGREEMENT**

Agreement for SLA will be signed between WTL and selected bidder before releasing the work order/purchase order.

Service Level Agreement for: Delivery & installation of Hardware and Network Items with 3 years warranty and support at Asansol Durgapur Development Authority (ADDA), 1st Administrative Building, City Centre, Durgapur – 713216 WB.

2 business day resolution for Kolkata PIN code area & 3 business days resolution for rest of West Bengal with 95% uptime. SLA calculation with monthly basis. Penalty amount will be deducted from PBG.

Resolution within	Penalty
<= 2 business day	Nil
>2 business days to <7 business days	Per day Rs. 100.00
> 7 business days to <15 business days	Per day Rs. 150.00
> 15 business days to < 21 business days	Per day Rs. 200.00
>21 business days	Per day Rs. 300.00

WEBEL TECHNOLOGY LIMITED

**SECTION - R**

**NIT DECLARATION FOR BIDDER**

(Bidders are requested to furnish the Format given in this section, filling the entire Blank and to be submitted on Bidder's Letter Head)

To  
Webel Technology Limited  
Plot – 5, Block – BP, Sector - V,  
Salt Lake City, Kolkata – 700091.

**Sub: Delivery & installation of Hardware and Network Items with 3 years warranty and support at Asansol Durgapur Development Authority (ADDA), 1St Administrative Building, City Centre, Durgapur – 713216 WB.**

Dear Sir,

We the undersigned bidder/(s) declare that we have read and examined in details the specifications and other documents of the subject Tender No. WTL/ADDA/HWNW/24-25/003 dated 05.07.2024 for Delivery & installation of Hardware and Network Items with 3 years warranty and support at Asansol Durgapur Development Authority (ADDA), 1St Administrative Building, City Centre, Durgapur – 713216 WB. published by Webel Technology Limited in e-Tender website.

We further declare that we have agreed and accepted all the clauses / sub-clauses / formats / terms & conditions other requirements related to the said tender and we will abide by the same as mentioned in the tender document while participating and executing the said tender.

Thanking you, we remain

Yours faithfully

.....  
Signature

.....  
Name in full

.....  
Designation

.....  
Company Stamp

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

WEBEL TECHNOLOGY LIMITED

**SECTION - S**

**NIT DECLARATION FOR OEM**

(OEM's are requested to furnish the Format given in this section, filling the entire Blank and to be submitted on OEM's Letter Head)

To  
Webel Technology Limited  
Plot – 5, Block – BP, Sector - V,  
Salt Lake City, Kolkata – 700091.

**Sub: Delivery & installation of Hardware and Network Items with 3 years warranty and support at Asansol Durgapur Development Authority (ADDA), 1St Administrative Building, City Centre, Durgapur – 713216 WB.**

Dear Sir,

We the undersigned OEM/(s) declare that we have read and examined in details the specifications and other documents of the subject Tender No. WTL/ADDA/HWNW/24-25/003 dated 05.07.2024 for Delivery & installation of Hardware and Network Items with 3 years warranty and support at Asansol Durgapur Development Authority (ADDA), 1St Administrative Building, City Centre, Durgapur – 713216 WB published by Webel Technology Limited in e-Tender website.

We further declare that we have agreed and accepted all the clauses / sub-clauses / formats / terms & conditions other requirements related to the said tender and we will abide by the same as mentioned in the tender document while executing the said tender through our partner and comply the delivery schedule and maintain the Service Level Agreement during the entire warranty period as per tender terms.

Thanking you, we remain yours faithfully

.....  
Signature

.....  
Name in full

.....  
Designation

.....  
Company Stamp

Dated, this .....day of 2024

WEBEL TECHNOLOGY LIMITED

**SECTION – T**

**PRE-BID MEETING QUERY**

(Tender No. WTL/ADDA/HWNW/24-25/003 dated 05.07.2024)

Name of the Bidder:

Queries

Sl. No.	Section No.	Clause No.	Page No.	Queries

Note: The filled form to be submitted in XLS or PDF Format. There is a cut off date for receiving of queries before Pre Bid Meeting. Queries received after the cutoff period will not be accepted. The Purchaser reserves the right to respond all queries over e-mail.

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Company Rubber Stamp: \_\_\_\_\_