

# WEBEL TECHNOLOGY LIMITED

## **NOTICE INVITING e-TENDER**

Online Tender documents are invited for implementation of the campus LAN Setup & LIU connectivity within that LAN for Intelligent Branch-West Bengal. Bids are invited from reputed System Integrators having sufficient experience and credentials for successful completion of “**Similar Nature**” of work in a Government Department/PSU/Autonomous Body. WTL has been chosen as the execution authority for the same. Bidder must have adequate Service Engineer for providing on-site warranty service within the stipulated time.

1.	Tender No. & Date	WTL/IB/LAN/21-22/015 dated 27.07.2021
2.	Tender Version No.	1.0
3.	Brief description of material	Supply, Installation, Testing & Commissioning of LAN Connectivity for Intelligent Branch, West Bengal.
4.	Tender Fee	Rs.6000.00 (Rupees Six thousand only). The amount to be transferred online through e-tender portal.
5.	Earnest Money Deposit	Rs.200000.00 (Rupees Two lakhs only). The amount to be transferred online through e-tender portal.
6.	Date of Downloading/Sale of Tender document	27.07.2021
7.	Pre-Bid Meeting date & time	03.08.2021 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 - N) reaching WTL by 02.08.2021 at 14.00 Hrs. will be taken for decision.</li><li>• Interest bidders are requested to send mail to <a href="mailto:purchase@wtl.co.in">purchase@wtl.co.in</a> 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.</li><li>• Only queries as per format (Section - N) reaching WTL by 02.08.2021 at 14.00 Hrs. will be taken for decision.</li><li>• Queries will be sent to Manager (Purchase)(<a href="mailto:purchase@wtl.co.in">purchase@wtl.co.in</a>)</li></ul>
8.	Bid Submission Start date & time	10.08.2021 at 14.00 hrs.
9.	Last date & time of EMD & Tender Fee submission intimation.	Before Uploading of Tender
10.	Last date & time of Bid Submission	16.08.2021 at 12.00 hrs.
11.	Date & time of Technical Bid Opening	18.08.2021 at 12.00 hrs.
12.	WTL Address	WEBEL TECHNOLOGY LIMITED (A Govt. of West Bengal Undertaking) Plot - 5, Block – BP, Sector – V, Salt Lake City, Kolkata – 700091.
13.	Contact person	033-23673403-06

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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 online 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 online 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 / corrigenda will be published only on the <https://wbtenders.gov.in>.

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## **CONTENTS OF THE TENDER DOCUMENT**

The Tender document comprises of the following:

SECTION – A	INTRODUCTION & OBJECTIVE OF THE PROJECT
SECTION – B	ELIGIBILITY CRITERIA
SECTION – C	DATE AND TIME SCHEDULE
SECTION – D	INSTRUCTIONS TO BIDDER
SECTION – E	TECHNO COMMERCIAL EVALUATION & AWARDING OF CONTRACT
SECTION – F	BID FORM
SECTION – G	GUIDANCE FOR E-TENDERING
SECTION – H	BILL OF MATERIAL
SECTION – I	TECHNICAL SPECIFICATION COMPLIANCE STATEMENT
SECTION – J	MAKE, MODEL & PART NUMBER
SECTION – K	FORMAT FOR DETAILS OF ORDERS EXECUTED BY BIDDER
SECTION – L	FORMAT FOR FINANCIAL CAPABILITY OF BIDDER
SECTION – M	FORMAT FOR BIDDER'S DETAILS
SECTION – N	FORMAT FOR PRE-BID MEETING QUERY
SECTION – O	SUPPORT SERVICECENTER & MANPOWER DETAILS OF BIDDER
SECTION – P	LIST OF CLIENTS OF SIMILAR ORDERS
SECTION – Q	MANUFACTURER AUTHORISATION FORM
SECTION – R	PROFORMA FOR PERFORMANCE BANK GUARANTEE
SECTION – S	NIT DECLARATION

# **WEBEL TECHNOLOGY LIMITED**

## **SECTION – A**

### **INTRODUCTION&OBJECTIVEOF THE PROJECT**

#### **INTRODUCTION**

INTELLIGENCE BRANCH (IB), West Bengal is interested to upgrade its Local Area Computer Network System. The current network dilapidated due to renovation of civil work, The New Network Should support high speed data communications, basic Internet access, and specialized software tools without compromising security of the confidential data sent over their network.

The proposed solution that follows involves significant changes to IB's network systems. The current hardware used throughout the network was purchased over a long period of time and uses many different technologies. The new basic physical network architecture will require several upgrades in hardware that address these incompatibilities and older technologies. The result will be higher speeds, more reliability, and easier maintenance of network components. The upgraded hardware will use up-to-date, compatible technologies that will greatly facilitate troubleshooting and maintenance.

In addition to updating the hardware, the proposed solution outlines some changes in the network configuration. These changes, if implemented, will provide greater reliability and security for all users of the IB network. Along with the new hardware, the new network configuration will open the door for IB to explore new possibilities in using the network to increase overall productivity.

#### **OBJECTIVE OF THE PROJECT**

The major objective of this project is to upgrade the network of IB in order to:

- Improve and consolidate network performance at IB Head Quarter.
- Provide increased network capacity.
- Provide future expansion capability.
- Improve the network's fault tolerance, security, and high speed connection, which will increase the efficiency of day-to-day operations in the Headquarter by making access time quicker.

#### **OTHER POINTS**

- SLA will be done with LI bidder after placement of work order.
- SITC has to be completed within 10 weeks from the placement of Order.
- Support services for the total project should be 3 years from go-live date.

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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 OPC or Proprietary Firm. Documentary evidence to be submitted.
2. The Bidder should be a working in the field Local Area Computer Network connectivity with registered office and operations in Kolkata for the last four financial years. Documentary evidence to be submitted.
3. The bidder should have valid GST Registration Number & PAN. Bidder shall have to submit photocopy of the documents.
4. The bidder shall have executed “Similar Nature (Local Area Computer Network Project)” of maximum three orders an amount not less than Rs.1.20 Crore in total in last three financial years (considering FY – 2018-19, 2019-20 & 2020-21) in Government Department/PSU/Autonomous Body/Any reputed organization. References order copy along with completion certificate for the project to be submitted.
5. Bidder should have own local call center number. Call Center details with number & detailed escalation matrix to be submitted. Bidder shall have to submit the Complain/Call escalation matrix in their own letterhead with undertaking.
6. The bidder should have an average annual turnover of not less than Rs. 5.00 Crore each year in the last three financial years (FY – 2017-18, 2018-19 & 2019-20). Bidder shall have to submit photocopy of Audited Accounts in support of their claim.
7. The Bidder should have positive net worth in last three financial years (FY – 2017-18, 2018-19 & 2019-2020). Auditor Certificate in support of their claim to be submitted.
8. Manufacturer's tender specific authorizations for all items (e.g., Active components, Passive components & UPS from OEM) must be submitted as per format enclosed (Section - P).
9. The bidder shall have Quality Certificate (ISO 9001:2015). Copy of valid Certificate to be submitted and validity should remain up to completion of job.
10. The Bidder must have Support Service Center with manpower in Kolkata so that any call reported is attended and resolved promptly within stipulated response time mentioned in this tender. The detailed Support Service with manpower for bidder should be submitted as per format (Section – N).
11. The bidder shall submit Bid Form (Section – F) duly signed by the authorized signatory of the company as per the format enclosed. Deviation in format may not be accepted.
12. The bidder shall not have been blacklisted by any State/Central Government or PSU Organization or bilateral/multilateral funding agencies for breach of ethical conduct or fraudulent practices as on date of submission of the proposal. Declaration on bidder's letter head to be submitted.
13. The bidder shall submit NIT Declaration for Bidder (Section – S) duly signed by the authorized signatory of the company as per the format enclosed. Deviation in format may not be accepted.

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## SECTION – C

### DATE AND TIME SCHEDULE

<b>Sl. No.</b>	<b>Particulars</b>	<b>Date &amp; Time</b>
1	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	27.07.2021
2	Documents download/sale start date (Online)	27.07.2021
3	Last Date and time of sending the queries (Offline)	02.08.2021 at 14.00 hrs.
4	Pre Bid Meeting at WTL Office (Off Line)	03.08.2021 at 12.00 hrs.
5	Corrigendum, if any will be published (On Line)	-
6	Bid Submission start date & time (On line)	10.08.2021 at 14.00 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)	16.08.2021 at 12.00 hrs.
10	Bid opening date & time for Technical Proposals (Online)	18.08.2021 at 12.00 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

### INSTRUCTIONS 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 within 7 days of issuance of the Letter of Award/Confirm Work Order.

**“Agreement”** means the Agreement to be signed between the successful bidder and WTL including all attachments, appendices, all documents incorporated by reference thereto together with any subsequent modifications, the RFP, the bid offer, the acceptance and all related correspondences, clarifications, presentations.

**“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 with whom WTL signs the agreement for supply, install, commission and render services for the systems.

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

**“Installation”** means Supply, Installation, Testing & Commissioning of LAN Connectivity.

**“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 noncompetitive levels and to deprive the benefits of free and open competition.

**“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

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

**“IBWB”** means Intelligence Branch, West Bengal.

**“Personnel”** means persons hired by the Bidder as employees and assigned to the performance of the Infrastructure Solution or any part thereof.

**“Project”** means Supply, Installation, Testing & Commissioning of LAN Connectivity for Intelligent Branch, West Bengal.

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**"Implementation Period"** shall mean the period from the date of signing of the Agreement and up to the issuance of Final Acceptance Certificate for the project.

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

**"Similar Nature"** means Supply, Installation, Testing & Commissioning of LAN Connectivity including Networking project.

**"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.

**"Period of Agreement"** means 3 years from the date of Final commissioning of the Project.

**"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.

**"Service"** means the work to be performed by the Bidder pursuant to this Contract, as described in the detailed 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.

## 2. PRE BID MEETING

Pre Bid Meeting will be held on 03.08.2021 at 12.00 hrs. (On-Line Meeting). Bidder can send their queries as per format (Section - N) to Manager (Purchase) (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) 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 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



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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

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.
- 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.

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## 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 fulfill 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 30 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 90 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 & INSTALLATION

The total delivery, installation & commissioning will have to be completed within 10 weeks from the date of LOI/Order.

## 16. LIQUIDATED DAMAGE

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 undelivered/installed items, each week or part thereof, subject to a ceiling of 10% of the total contract value (including 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 nonperformance 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
- 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

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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 (whichever 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., Intelligent Brach, GoWB). The mode of payments to be made in consideration of the work to be performed by the bidder shall be as follows:

- 60% on Supply of Equipment (Active & Passive Components) as per Work Order & implementation plan.
- 30% on Acceptance testing (issue of completion certificate) and "Go Live".
- 10% after 03 (three) years of "Go Live", i.e., installation & commissioning of Project as per Work Order.

After completion of job, pre-receipted bills in triplicate along with necessary delivery challans and related documents should be submitted to the authority placing the order for arranging the payment. All payments will be made through A/C payee cheque only or Net banking.

## 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 labor legislation.

## 22. CORRUPT OR FRAUDULENT PRATICES

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 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. BINDING 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

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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 workman 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.

## 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

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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 fulfill its or their obligation under the Contract but without prejudice to either party's right to terminate the Contract.

No delay or nonperformance 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 nonperformance. If, and to the extent, that such delay or nonperformance 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 successful bidder will warranty those items (hardware & software) supplied under the contract are newly made and are free from defects in the design, engineering and workmanship. The successful bidder will be responsible for the up keep and maintenance of the infrastructure and necessary deliverables under the scope of work during the entire warranty period. The successful bidder must furnish warranty for all items (hardware & software) supplied for a period of 36 months (3 years) from the date of successful commissioning of overall configuration as certified by IBWB (Completion Certificate). Service support for the entire warranty period will be on site and comprehensive (including spares) and free of cost for the entire warranty period.

## 34. WARRANTY SUPPORT

The total system will be warranted against bad workmanship and manufacturing defects from the date of acceptance of the system whole or part. Service support for the entire warranty period will be on site and comprehensive (including spares and all software support) and free of cost for the

# WEBEL TECHNOLOGY LIMITED

entire warranty period.

The bidder should have a call centre working from at least 09:00 hrs. to 21:00 hrs. in Kolkata. The contact details of the call centre must be furnished along with the bid. Any call logged with the service centre must be given a running docket number to the person reporting the call.

The average uptime averaged over each quarter should be as follows:

Category	Uptime Requirement	Response Time Requirement	Maximum Downtime permitted per
Equipments located in the IBWB Campus	99.0%	4 Hours	8 Hours

If the uptime goes below the prescribed limit in any quarter, the same will be noted. At the scheduled end of the warranty period the total of such deviation will be done and the contractor will have to extend the warranty support by the default time. Penalty shall be deducted for deviation of warranty support.

## 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 – R).

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

Refer Section - A

## 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. 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.

## 39. 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.

## 40. 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.

# **WEBEL TECHNOLOGY LIMITED**

- Bidder submitting a bid shall produce valid statutory documents / certificates with respect to GST, Income Tax, ROC, Prof. Tax, Trade License, 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.

## **41. PURCHASER'S RESPONSIBILITIES**

WTL shall be responsible for provision of all resources, access and information under its control that are necessary during implementation of work relating to this job. The confidentiality of the data being shared shall be maintained.

The following facilities shall be provided for working on the assignment:

- WTL will work with the IBWB to identify the site needed for installation of equipment.
- Once the vendor receives all the scheduled material at their Kolkata warehouse, the vendor should inform WTL its readiness to offer the material for conducting the pre-delivery inspection.
- WTL would depute its representative within seven days from the receipt of the intimation from the vendor, to conduct the pre-dispatch inspection.
- WTL or its representative will supervise the Installation and commissioning Test of equipment and services including Partial Acceptance/Final Acceptance Test as per laid down criteria. The contractor to conduct such test shall provide all assistance.

## **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 totaling or carry forward in the amount quoted by the bidder shall be corrected.

## **43. BID DUE DATE**

The tender shall 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 after the deadline for submission of proposals may not be accepted.

## **45. OPENING OF BID BY WTL**

Bids shall be opened and downloaded in the presence of Tender Committee and Bidder's representative (maximum 2) may attend, which is not compulsory. The bidder's representatives who are present shall sign a register evidencing their attendance and produce necessary authorization. The bidder's name, Bid modifications or withdrawals, discounts and the presence or absence of relevant Bid Security and such other details as WTL office at his/her discretion, may consider appropriate, shall be announced at the opening. WTL shall open the bid security at mentioned 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.

## **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

# WEBEL TECHNOLOGY LIMITED

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 taxes, levies, duties, cess etc.

## 49. PRICE

- Price should be quoted in the BOQ format only. No deviation 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.

## 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.



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- f) Each and every page of the tender document must be signed with company seal by the bidder.

## 57. 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.

## 58. 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, 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.

## 59. 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.

## 60. FINAL INSPECTION

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

## 61. LOCATION DETAILS

Lord Sinha Road Campus of IB, GoWB.

## 62. 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.

## 63. 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.

## 64. DEEMED ACCEPTANCE

Deliverables will be deemed to be fully and finally accepted by Department in the event Department

## **WEBEL TECHNOLOGY LIMITED**

has not submitted such Deliverable Review Statement to Bidder/Implementation Partner before the expiration of the 30-days review period, or when Department uses the deliverable in its business, whichever occurs earlier ("Deemed Acceptance").

### **65. DOCUMENTATION**

Full Network schematic diagram along with up-link details needs to be prepared and handed over to WTL & IBWB in soft & hard copies after completion of installation and before commissioning of the system.

### **66. BLACKLISTING OF BIDDER**

At the stage of competitive bidding:

- a) Submitting false documents as far as the eligibility criteria are concerned.
- b) Submission of bid which involves concealment / suppression of facts in the bid in order to influence the outcome of eligibility screening or any other stage of open bidding.
- c) Unauthorized use of one's name or the name of any other firm for the purpose of bidding.
- d) Withdrawal of a bid or refusal to accept an award or enter the contract with the Govt. without justifiable cause after the bidder had been adjudged as having submitted the lowest responsive bid.
- e) Refusal or failure to post the required performance security within the prescribed time as indicated in the tender document.
- f) Any document unsolicited attempt to unduly influences the outcome of bidder in his favour.
- g) All other acts tend to defeat the purpose of competitive bidding which is contrary to financial rules of the Govt., e.g., habitual withdrawing from bidding except a valid reason not complying with the requirements during bid evaluation.

At the stage of contract implementation:

- a) Failure on the part of the firm to supply items as per Supply Order due solely to his fault or negligence within the prescribed period as mentioned in the detailed tender document.
- b) Failure on the part of the firm/company to fully and faithfully comply with the contractual obligations without valid cause or failure to comply with any written lawful instruction of the procuring entity or its representative(s) pursuant to the implementation of the contract.
- c) Assignment and sub-contracting of the contract or any part thereof.
- d) Unsatisfactory progress in the delivery of goods / items in case of procurement.
- e) Supply of inferior quality of goods, as may be provided in the contract or as per accepted sample / specimen of item(s).
- f) Any other reason which the procuring entity deems it logical to include in the contract, duly agreed by the selected bidder / firm.
- g) Failure of supply within the stipulated period of time to be mentioned in the supply order.

### **67. 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.
- 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.

## **WEBEL TECHNOLOGY LIMITED**

- 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) 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.
- i) 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.
- j) The price offers shall remain firm within the currency of contract and no escalation of price will be allowed.
- k) 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.
- l) The IB/WTL at its discretion may extend the deadline for the submission of Bids.
- m) 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.

# **WEBEL TECHNOLOGY LIMITED**

## **SECTION – E**

### **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 and returns with lowest quote (L1) in Financial Bid will 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 most overall responsive 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. WTL will award the contract to the successful bidder whose bid has been determined to be substantially responsive after final negotiation may held with the most responsive bidder, if required. This is a turnkey job in a nature, so bidder(s) to quote all the items mentioned in the tender document, which can ensure single point contact / sole responsibility of the bidder(s) towards project execution. 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, Department of Par& e-Governance 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.

# WEBEL TECHNOLOGY LIMITED

## SECTION – F

### 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: Supply, Installation, Testing & Commissioning of LAN Connectivity for Intelligent Branch,  
West Bengal.**

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/IB/LAN/21-22/015 dated 27.07.2019, 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: We have enclosed the EMD remittance details for a sum of Rs. 2,00,000/-.
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).
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 .....2021

Thanking you, we remain,

# WEBEL TECHNOLOGY LIMITED

Yours faithfully

.....  
Signature

.....  
Name in full

.....  
Designation

## Signature & Authorized Verified by

.....  
Signature

.....  
Name in full

.....  
Designation

.....  
Company Stamp

# WEBEL TECHNOLOGY LIMITED

## 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.

1. **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.

2. **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.

3. 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.

4. **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.

5. **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 Document1**

1. Bid Form as per format (Section – F)
2. Other documents, if any

##### **Technical Document2**

1. N I T Declaration duly stamped & signed in bidder's letter head, Section – S
2. Other documents, if any

##### **Technical Compliance**

1. Detailed Technical Specification, Section – I
2. Make, Model & Part Number, Section – J
3. Manufacturer Authorization Form, Section – Q

#### **Financial Cover:**

BOQ (Bill of Quantity) 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.

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**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 Number</li> <li>• PAN</li> <li>• Document as per Section – B</li> </ul>
B	COMPANY DETAILS	B1. COMPANY DETAILS 1	<ul style="list-style-type: none"> <li>• Document as per Section – B</li> <li>• Declaration as per Section – B</li> </ul>
		B2. COMPANY DETAILS 2	<ul style="list-style-type: none"> <li>• Company Profile (Not more than 3 pages)</li> <li>• ISO Certificate as per Section –B</li> </ul>
C	CREDENTIAL	CREDENTIAL 1	<ul style="list-style-type: none"> <li>• Order copies as per Section – B</li> </ul>
		CREDENTIAL 2	<ul style="list-style-type: none"> <li>• Product brochure</li> <li>• Other documents, if any</li> </ul>
D	DECLARATION	DECLARATION 1	<ul style="list-style-type: none"> <li>• List of Clients as per format (Section – O)</li> <li>• Financial Capability of Bidder as per format (Section – L)</li> </ul>
		DECLARATION 2	<ul style="list-style-type: none"> <li>• Document as per Section – B</li> <li>• Other documents, if any</li> </ul>
		DECLARATION 3	<ul style="list-style-type: none"> <li>• Bidder's Details as per format (Section – M)</li> <li>• Service Centre Details as per format (Section – P)</li> </ul>
		DECLARATION 4	Details of Order as per format (Section – K)
		DECLARATION 5	Declaration as per Section – B
F	FINANCIAL INFO	P/L & BALANCE SHEET 2017-2018	P/L & BALANCE SHEET 2017-2018
		P/L & BALANCE SHEET 2018-2019	P/L & BALANCE SHEET 2018-2019
		P/L & BALANCE SHEET 2019-2020	P/L & BALANCE SHEET 2019-2020



# WEBEL TECHNOLOGY LIMITED

## SECTION – H

### BILL OF MATERIAL

<b>Supply Part:</b>			
<b>S1</b>	<b>Item Description</b>	<b>Qty</b>	<b>UoM</b>
<b>1</b>	<b>Passive Components</b>		
1.1	6 Core MM OM2 Outdoor Armoured FO Cable	1200	Mtrs.
1.2	12 Port LIU Loaded with SC Coupler	2	Nos.
1.3	24 Port LIU Loaded with SC Coupler	1	Nos.
1.4	SC MM OM2 Pigtail 1 Mtr.	48	Nos.
1.5	SC - LC MM OM2 FO Patch Cord Duplex	6	Nos.
1.6	UTP Cat6 Cable	80	Boxes
1.7	24 Port Jack Panel	37	Nos.
1.8	Cat6 I/O Connector	460	Nos.
1.9	Face Plate Single with Shutter	460	Nos.
1.10	Back Box	460	Nos.
1.11	Cat6 Patch Cord 1 Mtr.	480	Nos.
1.12	Cat6 Patch Cord 2 Mtr.	282	Nos.
<b>2</b>	<b>Core Switches</b>		
2.1	L3 Switch with 24 port GigE 4x1G Uplink with Secondary Power Supply, Console Cable, Stack Module & 8x5xNBD x 3 years on-site comprehensive warranty	2	Nos.
<b>3</b>	<b>L2 Distribution Switch</b>		
3.1	L2 Distribution Switch with 24 port GigE 4x1G Uplink with Stack Module & 8x5xNBD x 3 years on-site comprehensive warranty	5	Nos.
<b>4</b>	<b>Edge Switches</b>		
4.1	24 Port Giga, 4 x 10G SFP+ L2 Switch 3 years on-site comprehensive warranty	13	Nos.
<b>5</b>	<b>SFP Transceiver Module</b>		
5.1	1000BASE SX SFP transceiver module, MMF (for Core & Distribution Switch)	16	Nos.
<b>6</b>	<b>Firewall</b>		
6.1	NGFW with 3 years warranty and Subscription	2	Nos.
<b>7</b>	<b>Rack</b>		
7.1	Equipment Rack 42U with Accessories	2	Nos.
7.2	Network Rack 22U with Accessories	3	Nos.
7.3	Network Rack 12U with Accessories	3	Nos.
7.4	Network Rack 9U with Accessories	1	Nos.
<b>8</b>	<b>UPS</b>		
8.1	1100 VA Line Interactive UPS	9	Nos.
<b>Service Part</b>			
<b>9</b>	<b>Service Part</b>		
9.1	CAT 6 UTP cable laying charges with PVC conduit	24000	Mtrs.
9.2	FO Cable Laying through Underground	100	Mtrs.
9.3	FO Cable Laying through Surface	1100	Mtrs.
9.4	Floor Mount Rack Fixing & Dressing Charges	5	Nos.
9.5	Wall Mount Rack Fixing & Dressing Charges	4	Nos.
9.6	Splicing Charges	48	Nos.
9.7	Jack Panel Termination Charges	37	Nos.
9.8	I/O Termination Charges	460	Nos.
9.9	UPS Fixing & Installation Charges	9	Nos.
9.10	Service Charges for Firewall Installation & Configuration and 3 years support	1	Job
9.11	Switch Installation, Commissioning, Testing & Documentation Charges	1	Job

## **WEBEL TECHNOLOGY LIMITED**

**Note:**

1. The Bidder has to setup a managed network for IB West Bengal within its Lord Sinha Road, Kolkata campus as well as ensure connectivity of this network with LIUs in districts.
  2. Support ~~services~~ post commissioning of the following items for 03 (Three) years.
  3. Warranty for all items – 03 (Three) years.
  4. OEM should have 24x7 toll free helpdesk for after sales support
  5. Quantity mentioned are indications may increase or decrease.
- Supply, Installation Testing & Commissioning Time: within 10 weeks of issuance of order by WTL.

**Detailed Technical Specifications are given in Section – I**

# WEBEL TECHNOLOGY LIMITED

## SECTION – I

### TECHNICAL SPECIFICATION COMPLIANCE STATEMENT

(Tender No. WTL/IB/LAN/21-22/015)

#### **Eligibility Criteria for Passive OEM:**

<b>Sl No</b>	<b>Eligibility Criteria</b>	<b>Compliance with Document</b>
1	Passive OEM offered must be in steady profitable business in India for more than at-least 10 years.	
2	All offered components must be ROHS compliant.	
3	All Passive items (coper and fiber) should have single OEM.	
4	OEM Should be ISO9001, ISO14001 & ISO 45001:2018 certified for design, Development for LAN & WAN product.	
5	OEM authorization specific to this tender	

#### **Minimum Specification of 6 Core Multi Mode Outdoor Armoured Fiber Cable**

<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

#### **6 Core MM OM2 Outdoor Armoured FO Cable**

<b>Sl. No.</b>	<b>Minimum Specification</b>	<b>Specification (Quoted / Applicable – by the bidder)</b>	<b>Complied (Yes / No)</b>
1	Corrugated Steel Tape Armoured		
2	Central loose tube with jelly compound		
3	Sequencial meter marking		
4	Glass Yarn in between steel tape & loose tube		
5	Outer Diameter: 9±0.3mm		
6	Thickness of HDPE Jacket: 1.8±0.2mm		
7	Pulling Tension: Short Term (2000N)		
8	Crush Load: 3000N/100mm		
9	Bend Radius: Short Term (20D)		
10	The fiber type is a Multimode (OM2) Graded Index optical fiber according to IEC 60793		
11	Fiber dual coated with acrylate coating.		
12	The fiber is optimized for operation at 850 nm and at 1300 nm.		
13	Nominal Mode Field Diameter: 50 ± 2.5 µm		
14	Cladding Diameter: 125 ± 1 µm		
	<b>Attenuation (of cable with fibers):</b>		
15	At 850 nm: <= 3.5 dB/km		
16	At 1300 nm : <= 1.5 dB/km		

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<b><u>Minimum Specification of 12 Port LIU Loaded with SC Coupler</u></b>	
<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

<b>12 Port LIU Loaded with SC Coupler</b>			
<b>Sl. No.</b>	<b>Minimum Specification</b>	<b>Specification (Quoted / Applicable – by the bidder)</b>	<b>Complied (Yes / No)</b>
1	12-Port Rack Mount LIU Fully Loaded with Multimode SC Adapters/couplers		
2	Aluminium/Cold Rolled Steel based material with powder coating for light mounting.		
3	Snap-in locker design, easy to change the adapter panels		
4	Should manage both splices and terminations		
5	Should have plastic Splice Tray capable of 12 fibers		
6	should have 6 fiber magic sticker provision inside for 900um tight buffered fiber storing		
7	Removable Top & Front cover for better access to interior of LIU		
8	Rubber grommet allow for pre-terminated fiber trunk installation, protects cable and minimizes dust build-up		
9	Adapter panel - Cold steel		
10	Adapters should have compact design & high precision.		
11	which perform well under various circumstances & maintain good plug retention strength.		

<b><u>Minimum Specification of 24 Port LIU Loaded with SC Coupler</u></b>	
<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

<b>24 Port LIU Loaded with SC Coupler</b>			
<b>Sl. No.</b>	<b>Minimum Specification</b>	<b>Specification (Quoted / Applicable – by the bidder)</b>	<b>Complied (Yes / No)</b>
1	24-Port Rack Mount LIU Fully Loaded with Multimode SC Adapters/couplers		
2	Aluminium/Cold Rolled Steel based material with powder coating for light mounting.		
3	Snap-in locker design, easy to change the adapter panels		
4	Should manage both splices and terminations		
5	Should have plastic Splice Tray capable of 12 fibers		
6	should have 6 fiber magic sticker provision inside for 900um tight buffered fiber storing		
7	Removable Top & Front cover for better access to interior of LIU		
8	Rubber grommet allow for pre-terminated fiber trunk installation, protects cable and minimizes dust build-up		
9	Adapter panel - Cold steel		

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10	Adapters should have compact design & high precision.		
11	which perform well under various circumstances & maintain good plug retention strength.		

<b>Minimum Specification of SC MM OM2 Pigtail 1 Mtr.</b>	
<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

<b>SC MM OM2 Pigtail 1 Mtr.</b>			
<b>Sl. No.</b>	<b>Minimum Specification</b>	<b>Specification (Quoted / Applicable – by the bidder)</b>	<b>Complied (Yes / No)</b>
1	Multimode (OM2) SC Pigtail - 1Mtr		
2	Meet TIA/EIA 568.C.3 standards for repeatability.		
3	Insertion Loss (Max): ≤0.3 db Max.		
4	Minimum Bend Radius: 30mm		
5	Return Loss : ≥/ = 25 db for UPC		
6	retention strenght: 20N		
7	Operating Temp.: (- 10 deg. C to + 70 deg. C)		
8	Buffer diameter: 900um Tight buffer		
9	Types : SC Type Simplex		

<b>Minimum Specification of SC - LC MM OM2 FO Patch Cord Duplex</b>	
<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

<b>SC - LC MM OM2 FO Patch Cord Duplex</b>			
<b>Sl. No.</b>	<b>Minimum Specification</b>	<b>Specification (Quoted / Applicable – by the bidder)</b>	<b>Complied (Yes / No)</b>
1	Multimode (OM2) SC-LC Duplex Patch Cord - 1Mtr		
2	Optical fiber patch leads shall comprise of Multimode 50/125µm OM2 fiber with SC-LC fiber connectors terminated at each end. The optical fiber patch leads shall comply with the following specifications:		
3	Optical Fiber – Multimode - OM2		
4	Connector: ceramic ferrule		
5	Pre-radiuses and pre-polished ferrule		
6	Duplex Type		
7	Insertion Loss : ≤0.3 db		
8	Cable: 50/125, MM OM2		
9	Return Loss: ≥/ = 25dB for UPC		
10	Working Temp: (- 10 deg. C to + 70 deg. C)		

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11	Length: 1 Meter		
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<b>Minimum Specification of UTP Cat6 Cable</b>	
<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

<b>UTP Cat6 Cable</b>			
<b>Sl. No.</b>	<b>Minimum Specification</b>	<b>Specification (Quoted / Applicable – by the bidder)</b>	<b>Complied (Yes / No)</b>
1	Category 6 Unshielded Twisted Pair 4 pair cable shall be compliant with ANSI/TIA/EIA-568-C.2 channel performance		
2	The 4 pair Unshielded Twisted Pair cable shall be UL Listed, ETL Verified		
3	All Category 6 cables shall meet or exceed the following characteristics:		
	<b>Mechanical Characteristics</b>		
4	Construction: 4 twisted pairs separated by internal X shaped, 4 channel, full separator. Half shall not be accepted.		
5	Conductor dia: 23 AWG		
6	Insulation: High density polyethylene		
7	Pairing: Two insulated conductor twisted together		
8	No.of Pair: 4 pair		
9	Color of sheath: FR-PVC GREY- Single sheath		
10	Rip Cord should be available		
11	Sequential meter marking should be available		
12	Temperature Rating: (- 10 to +70 C)		
13	Packing : 305 Mtrs.		
14	Low Frequency Electrical Parameter		
15	CONDUCTOR RESISTANCE (DC): 9.38 OHMS/100 MTR		
16	RESISTANCE UNBALANCE: 5% Max		
17	MUTUAL CAPACITANCE: 5.6 nF/100 mtrs Max.		
18	CAPACITANCE UNBALANCE PAIR/GROUND: 330PF/100M MAX		
19	Nominal Velocity of Propagation: 69%		
20	IMPEDANCE: 100±15% OHMS		
21	Generally confirming to EIA/TIA 568-C.2 and IEC/ISO 11801		

<b>Minimum Specification of 24 Port Jack Panel</b>	
<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

<b>24 Port Jack Panel</b>
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Sl. No.	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
1	24-Port Cat6 UTP Patch Panel		
2	Patch Panel made of powder coated steel, in 24 port configurations.		
3	Allow for a minimum of 200 re-terminations without signal degradation below standards compliance limit.		
4	Have port identification numbers on the front of the panel. PC ID plate of transparent colour with paper		
5	IDC: Suitable for 22-26 AWG stranded and solid wire compatible with both 110 & Krone punch down tools		
6	The Cat-6 transmission performance is in compliance with the ANSI/TIA/EIA 568C.2 & ISO 11801 standard		
7	Mates with modular plug conforming to FCC Part 68		
	<b>Mechanical Characteristics:</b>		
8	RJ45 Jack Housing: PBT+Glass Fiber, UL94V-0 rated		
	<b>Jack Connector</b>		
9	Operating Life: Minimum 750 insertion cycles		
10	Material: Phosher bronze with nickel plated		
11	Contact Plating: 50μ" Gold plated on plug contact area		
	<b>IDC Connector</b>		
12	Housing: Polycarbonate UL94V-0		
13	IDC Contact Plating: Phosphor bronze with tin plated		
14	Wire Accommodation: 22-26 AWG solid		
15	Contact resistance: 20Milliohms		
16	Insulation resistance: 100 MegaOhms @ 500V DC		

### Minimum Specification of Cat6 I/O Connector, Face Plate with Shutter & Back Box

<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

### Cat6 I/O Connector, Face Plate with Shutter & Back Box

Sl. No.	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
1	Single Port		
2	Write on labels in transparent plastic window – supplied with plate		
3	Face Plate with shutter		
4	Should be able to support variety of jacks – UTP, STP etc.		
5	Category 6, TIA568 C.2		
6	All information outlets for 22-26 AWG copper cable shall:		
7	Use insulation displacement connectors (IDC)		
8	Allow for a minimum of 200 re-terminations without signal degradation below standards compliance limits.		
	<b>Jack Specification:</b>		
9	Housing: Polycarbonate, UL94V-2 rated or equivalent		

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10	Operating Life: Minimum 750 insertion cycles		
11	Contact Material: Phosphor Bronze with nickel plated		
12	Contact Plating: 50 pinches gold on plug contact area		
13	IDC : Housing PC , UL 94 V-2, 568A/B configuration		
14	Operating Life: Minimum 200 Re-terminations		
15	IDC Contact Plating: Phosphor bronze with tin plated		
16	Operation Temp: -10 C to 60 C		
17	Keystone of I/O should be UL Listed. Back box should be of same make as keystone jack & face plate.		

### Minimum Specification of Cat6 Patch Cord 1 Mtr.

<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

### Cat6 Patch Cord 1 Mtr.

Sl. No.	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
1	Category 6 UTP Patch Cord – 1Mtr		
2	The work area equipment cords shall, at a minimum comply with proposed ANSI/TIA/EIA-568-C.2 Commercial Building Cabling Standards Transmission Performance Specifications for 4 pair Category 6 Cabling.		
3	Equipped with modular 8-position modular plugs on both ends, wired straight through with standards compliant wiring.		
	<b>Mechanical Feature of Cable:</b>		
4	Conductor size: 24 AWG stranded bare copper		
5	Jacket: FR-PVC		
	<b>Mechanical Feature of Plug:</b>		
6	Operating life: Minimum 750 insertion cycles		
7	Contact blade: Copper Alloy		
8	Operating temperature: -10oC to 60oC		
9	RJ45 Plug & Boot Material: Clear Polycarbonate for RJ-45 And PVC for Boot		
10	Factory Crimped Patch Cord with Factory Moulded Boot		

### Minimum Specification of Cat6 Patch Cord 2 Mtr.

<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

### Cat6 Patch Cord 2 Mtr.



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Sl. No.	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
1	Category 6 UTP Patch Cord – 2Mtr		
2	The work area equipment cords shall, at a minimum comply with proposed ANSI/TIA/EIA-568-C.2 Commercial Building Cabling Standards Transmission Performance Specifications for 4 pair Category 6 Cabling.		
3	Equipped with modular 8-position modular plugs on both ends, wired straight through with standards compliant wiring.		
	<b>Mechanical Feature of Cable:</b>		
4	Conductor size: 24 AWG stranded bare copper		
5	Jacket: FR-PVC		
	<b>Mechanical Feature of Plug:</b>		
6	Operating life: Minimum 750 insertion cycles		
7	Contact blade: Copper Alloy		
8	Operating temperature: -10oC to 60oC		
9	RJ45 Plug & Boot Material: Clear Polycarbonate for RJ-45 And PVC for Boot		
10	Factory Crimped Patch Cord with Factory Moulded Boot		

Sl No	Eligibility Criteria (Networking Rack)	Compliance with Document
1	Rack OEM must have Annual Financial Turnover not less than 200Cr for their business in India for the last five financial years and must be in steady profitable business for last five financial years (FY 2015-16 to 2019-20). Bidder shall have to submit audited accounts in support to their claim.	
2	OEM authorization specific to this tender	

Minimum Specification of 42U Floor Standing Rack with Accessories	
Qty.	
Make	
Model	
Part No.	

42U Floor Standing Rack with Accessories			
Sl. No.	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
1	42U x 800mm width x 1000mm depth Floor Standing Networking Rack		
2	It should confirm to DIN 41494 or equivalent ISO standard		
3	It should be welded construction with steel frame		
4	Single Lockable toughend glass front door		
5	Vented metal door at the back, Vented side panels		
6	19" Reduced Channel- loop type		
7	Powdered coated standard finish		
8	Top & Bottom welded cover with vented & cable entry exit cut outs		
9	4 sets of casters wheel		

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10	4 sets of adjustable levelers		
11	Vertical Power Distribution Unit with 12nos. Of 5/15Amp round pin indian style sockets		
12	Vertical & Horizontal Cable Manager		
13	Mounting Hardware set		
14	Atleast 4nos. Of FANs (360CFM) for cooling purpose		

<b><u>Minimum Specification of 22U Floor Standing Rack with Accessories</u></b>	
<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

<b>22U Floor Standing Rack with Accessories</b>			
<b>Sl. No.</b>	<b>Minimum Specification</b>	<b>Specification (Quoted / Applicable – by the bidder)</b>	<b>Complied (Yes / No)</b>
1	22U x 600mm width x 800mm depth Floor Standing Networking Rack		
2	It should confirm to DIN 41494 or equivalent ISO standard		
3	It should be welded construction with steel frame		
4	Single Lockable toughend glass front door		
5	Vented metal door at the back, Vented side panels		
6	19" Reduced Channel- loop type		
7	Powdered coated standard finish		
8	Top & Bottom welded cover with vented & cable entry exit cut outs		
9	4 sets of casters wheel		
10	4 sets of adjustable levelers		
11	Power Distribution Unit with 6nos. Of 5/15Amp round pin indian style sockets		
12	Horizontal Cable Manager		
13	Mounting Hardware set		
14	Atleast 2nos. Of FANs (180CFM) for cooling purpose		

<b><u>Minimum Specification of Network Rack 12U with Accessories</u></b>	
<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

<b>Network Rack 12U with Accessories</b>			
<b>Sl. No.</b>	<b>Minimum Specification</b>	<b>Specification (Quoted / Applicable – by the bidder)</b>	<b>Complied (Yes / No)</b>
1	12U, 550mm Width, 600mm Depth, Wall Mount Indoor Networking Rack		
2	It should confirm to DIN 41494 or equivalent standard		
3	It should be welded construction with steel frame		

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4	Lockable tough ended glass front door		
5	19" mounting angle made of formed steel		
6	Powdered coated standard finish		
7	Top & Bottom welded cover with vented & cable entry exit cut outs		
8	2 pair of 19" mounting rails		
9	1U Cable Manager		
10	Roof Mounted Fan Unit		
11	230V AC, 6 way, 5 Amp Power Distribution Unit		
12	Mounting Hardware		

<b><u>Minimum Specification of Network Rack 9U with Accessories</u></b>	
<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

<b>Network Rack 9U with Accessories</b>			
<b>Sl. No.</b>	<b>Minimum Specification</b>	<b>Specification (Quoted / Applicable – by the bidder)</b>	<b>Complied (Yes / No)</b>
1	9U, 550mm Width, 600mm Depth, Wall Mount Indoor Networking Rack		
2	It should confirm to DIN 41494 or equivalent standard		
3	It should be welded construction with steel frame		
4	Lockable tough ended glass front door		
5	19" mounting angle made of formed steel		
6	Powdered coated standard finish		
7	Top & Bottom welded cover with vented & cable entry exit cut outs		
8	2 pair of 19" mounting rails		
9	1U Cable Manager		
10	Roof Mounted Fan Unit		
11	230V AC, 6 way, 5 Amp Power Distribution Unit		
12	Mounting Hardware		

<b><u>Minimum Specification for Core Switch with 3 years warranty</u></b>	
<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

	<b>Specification</b>
<b>General Features</b>	Proposed switch should be enterprise grade switch with x86 based CPU architecture
	The switch should have minimum of 24 nos. 10/100/1000 Ethernet Ports
	Switch should have 4x1 GE fixed Uplink

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<b>Performance and Scalability</b>	The switch should support switching bandwidth up to 56 Gbps (without considering stacking bandwidth)
	The switch should support 64-Byte Packet Forwarding Rate up to 41 Mpps
	The switch should have 16GB of Flash memory to store image and logs
	The switch should have 8 GB of DRAM
	The switch should support 1000 SVI
	The switch should support 4094 VLAN IDs
	The switch should support Jumbo frames of 9198 bytes
	The switch should support Maximum transmission unit (MTU) of 9198 bytes
	The switch should support 32000 Unicast MAC addresses
<b>Stacking</b>	
	Switch should support atleast 320 Gbps stacking bandwidth.
	Switch should support 8 members in stack
	The proposed switch family should support multi gigabit ethernet switches to support higher bandwidth and it should be possible to stack multigigabit switches with proposed switches
	The Switch stack should be based on Distributed forwarding Architecture, where in each stack member forwards its own information on network.
	The Switch stack architecture should have centralized control and Management plane with Active Switch and all the information should be Synchronized with Standby Switch.
	The Switch should support Stateful Switchover (SSO) when switching over from Active to Standby switch in a Stack.
	The Switch stack architecture should be Plug & Play for attaching or removing any switch from the stack without any downtime.
	The Switch stack architecture should allow the end user to stack 24 Port Switch with 48 Port of the same model.
	The Switch should support stack power.
<b>Standards</b>	The switch should support IEEE 802.1D Spanning Tree Protocol
	The switch should support IEEE 802.1p Cos prioritization
	The switch should support IEEE 802.1Q Vlan
	The switch should support IEEE 802.1s Multiple Spanning Tree (MSTP)
	The switch should support IEEE 802.1w Rapid Spanning Tree (RSTP)
	The switch should support IEEE 802.1x
	The switch should support IEEE 802.1ab (LLDP)
	The switch should support IEEE 802.3ad Link Aggregation Control Protocol (LACP) across stack members and should be able to do load balance traffic across links
<b>Layer-2 Features</b>	The switch should support Automatic Negotiation of Trunking Protocol, to help minimize the configuration & errors
	The switch should support IEEE 802.1Q VLAN encapsulation
	The switch should support Spanning-tree PortFast and PortFast guard for fast convergence
	The switch should support UplinkFast & BackboneFast technologies to help ensure quick failover recovery, enhancing overall network stability and reliability

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	The switch should support Spanning-tree root guard to prevent other edge switches becoming the root bridge.
	The switch should support Voice VLAN to simplify IP telephony installations by keeping voice traffic on a separate VLAN
	The switch should support Auto-negotiation on all ports to automatically select half- or full-duplex transmission mode to optimize bandwidth
	The switch should support Automatic media-dependent interface crossover (MDIX) to automatically adjust transmit and receive pairs if an incorrect cable type (crossover or straight-through) is installed.
	The switch should support Unidirectional Link Detection Protocol (UDLD) and Aggressive UDLD to allow for unidirectional links caused by incorrect fiber-optic wiring or port faults to be detected and disabled on fiber-optic interfaces.
	The switch should support IGMP v1, v2 Snooping
	Switch should support MACsec-128
	Switch should support IPv4 and IPv6The Switch should be able to discover (on both IPv4 & IPv6 Network) the neighboring device giving the details about the platform, IP Address, Link connected through etc, thus helping in troubleshooting connectivity problems.
<b>Layer-3 Features</b>	Switch should support min. 32000 IPv4 routes
	The Switch should support routing protocols such as OSPF, BGPv4, IS-ISv4, EIGRP, LISP, VXLAN, VRF, MPLS, mVPN, SGT
	The Switch should support IPv6 Routing capable protocols such as OSPFv3 in hardware.
	The Switch should support IP Multicast and PIM, PIM Sparse Mode, & Source-Specific Multicast for Wired and Wireless Clients.
	The Switch should support basic IP Unicast routing protocols (static, RIPv1 & RIPv2).
	The Switch should support IPv6 & IPv4 Policy Based Routing (PBR)
	The Switch should support Inter-VLAN routing.
	The Switch should support HSRP for IPv4 & IPv6.
	The Switch should support VRRP.
	The Switch should support uRPF for IPv4 and IPv6.
<b>Network security features</b>	The switch should support IEEE 802.1x providing user authentication, authorization and CoA.
	The switch should support SSHv2 and SNMPv3 to provide network security by encrypting administrator traffic during Telnet and SNMP sessions.
	The switch should support TACACS+ and RADIUS authentication enable centralized control of the switch and restrict unauthorized users from altering the configuration.
	The switch should support MAC address notification to allow administrators to be notified of users added to or removed from the network.
	The switch should support Encrypted traffic analytics
<b>Quality of Service (QoS) &amp; Control</b>	The switch should support 8 egress queues per port to enable differentiated management
	The switch should support scheduling techniques for QoS
	The switch should support Standard 802.1p CoS field classification
	The switch should support Differentiated services code point (DSCP) field classification
	The switch should support IPSLA feature set to verify services guarantee based on business critical IP Applications.

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	The switch should support QoS based on application
	The Switch should be capable of Downloading Downloadable Access List .
<b>Operation and Management</b>	The switch should support configuration of the Software image and switch configuration without user intervention
	Switch should have dedicated management port and USB2.0 ports to upload configuration files and image
	The switch should have built in RFID tag for asset tracking and inventory management
	The switch should support diagnostic commands to debug issues
	The switch should support system health checks within the switch
	The switch should support Online Diagnostics
	The switch should support Command Line Interface (CLI) support for configuration & troubleshooting purposes.
	The switch should support Layer 2 trace route to ease troubleshooting by identifying the physical path that a packet takes from source to destination.
	The switch should support Telnet and ssh interface support for comprehensive in-band management.
	The switch should support blue becon LED, and USB Port to transfer configuration and files
	The switch should support SNMPv1, SNMPv2c, and SNMPv3 and flexible netflow - upto up to 64,000 flow entries
<b>Dimension</b>	The Switch should be 1RU
	The switch should able to support built-in redundant power supplies at day 1
	Switch should be provided with AC power supply and india power cords
	Switch OEM should be in Gartner's leader quadrant for wired and wireless LAN infrastructure for five consecutive years
	Switch should come with 3 years 8*5 NBD OEM Warranty
	All Switches & SFP Transceiver Module should be from same OEM

### **Minimum Specification for L2 Distribution Switch with 3 years warranty**

<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

	<b>Specification</b>
<b>General Features</b>	Proposed switch should be enterprise grade switch with UADP 2.0 Mini with integrated CPU architecture
	The switch should have minimum of 24 nos. 10/100/1000 Ethernet Ports
	Switch should have 4x1 GE fixed Uplink
<b>Performance and Scalability</b>	The switch should support switching bandwidth up to 56 Gbps (without considering stacking bandwidth)
	The switch should support 64-Byte Packet Forwarding Rate up to 40 Mpps
	The switch should have 4GB of Flash memory to store image and logs
	The switch should have 2 GB of DRAM
	The switch should support 1000 SVI
	The switch should support 4094 VLAN IDs

## WEBEL TECHNOLOGY LIMITED

	The switch should support Jumbo frames of 9198 bytes
	The switch should support Maximum transmission unit (MTU) of 9198 bytes
	The switch should support 32000 Unicast MAC addresses
	Switch should support redundant power supply
	Switching capacity with stacking - 136 Gbps
<b>Stacking</b>	Switch should support 8 members in stack. Stack kit to be included from day 1
	The Switch stack should be based on Distributed forwarding Architecture, where in each stack member forwards its own information on network.
	The Switch should support Stateful Switchover (SSO) when switching over from Active to Standby switch in a Stack.
	The Switch stack architecture should be Plug & Play for attaching or removing any switch from the stack without any downtime.
	The Switch stack architecture should allow the end user to stack 24 Port Switch with 48 Port of the same model.
<b>Standards</b>	The switch should support IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.1ab, IEEE 802.3ad and should be able to do load balance traffic across links
<b>Layer-2 Features</b>	The switch should support Unidirectional Link Detection Protocol (UDLD) and Aggressive UDLD to allow for unidirectional links caused by incorrect fiber-optic wiring or port faults to be detected and disabled on fiber-optic interfaces.
	The switch should support IGMP v1, v2 Snooping
	Switch should support MACsec-128
	Switch should support IPv4 and IPv6 The Switch should be able to discover (on both IPv4 & IPv6 Network) the neighboring device giving the details about the platform, IP Address, Link connected through etc, thus helping in troubleshooting connectivity problems.
<b>Layer-3 Features</b>	Switch should support min. 11000 IPv4 routes
	The Switch should support routing protocols such as OSPF, BGPv4, IS-ISv4, EIGRP, LISP, VXLAN, VRF, MPLS, mVPN, SGT, VRRP, HSRP for IPv4 & IPv6, Policy Based Routing (PBR).
<b>Network security features</b>	The switch should support IEEE 802.1x, TACACS+ and RADIUS authentication providing user authentication, authorization and CoA.
	The switch should support Encrypted traffic analytics
	Switch OEM should be in Gartner's leader quadrant for wired and wireless LAN infrastructure for five consecutive years
	Switch should come with 3 yrs of 8*5 NBD OEM Warranty
	All Switches & SFP Transceiver Module should be from same OEM

### **Minimum Specification for Edge Switch (24 Port Giga, 4 x 10G SFP+ L2 Switch) with 3 years warranty**

<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

### **Edge Switch (24 Port Giga, 4 x 10G SFP+ L2 Switch) with 3 years warranty**

<b>Sl. No.</b>	<b>Minimum Specification</b>	<b>Specification (Quoted / Applicable – by the bidder)</b>	<b>Complied (Yes / No)</b>
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## WEBEL TECHNOLOGY LIMITED

1	Layer-2 Fully Managed Switch having 24x 10/100/1000BaseT ports, 2x 10GBASE-T ports & 4x 10G SFP+ slots		
2	Switching Capacity should be atleast 168Gbps		
3	Packet Forwarding Rate should be atleast 125Mpps for 64-byte packet size		
4	The switch should have non-blocking architecture & wire-speed performance under fully loaded condition from day one		
5	The switch should have smart fans with sensor IC that provides different fan speed based on different temperature.		
6	The switch should have support for physical stacking with atleast 8 units per stack.		
7	The switch should have support for virtual stacking with atleast 30 units per stack.		
8	The Switch should have support for redundant power supply. Redundant power supply to be included from day one.		
	<b>The Switch should have following L2 features from day one</b>		
9.1	1. MAC Address Table size: Atleast 16000		
9.2	2. Flow Control: IEEE 802.3x in full duplex, back pressure in half duplex & HoL blocking prevention		
9.3	3. Jumbo Frame Support (Atleast 9K bytes)		
9.4	4. IGMP v1 v2 v3 snooping with atleast 1024 IGMP snooping groups, Per VLAN IGMP Snooping, host based IGMP snooping fast leave		
9.5	5. MLD v1 v2 snooping with atleast 1024 MLD snooping groups, Per VLAN MLD Snooping, host based MLD fast leave		
9.6	6. IEEE802.1D STP, 802.1w RSTP, 802.1s MSTP with atleast 16 MSTP instances, Root guard or equivalent feature. G.8032 ERPS features.		
9.7	7. The switch should be able to avoid the loop occurring in a single port connected to an unmanaged switch/hub by shutting down the corresponding port or corresponding VLAN		
9.8	8. IEEE 802.3ad & IEEE 802.1AX Link Aggregation with atleast 8 ports per groups & 32 groups per switch.		
9.9	9. Port mirroring & VLAN mirroring for Tx/Rx/Both. One-to-One mode, Many-to-one mode, Flow based mirroring.		
9.10	10. IEEE 802.1Q VLAN, atleast 4000 Static VLANs, 4000 Dynamic VLANs Groups, GVRP, Voice-VLAN, asymmetric VLAN, 802.1v protocol VLAN, MAC based VLAN, Private VLAN.		
10	The switch should have 802.1p support with 8 queues per port. Support strict, WRR queue handling technique. trTCM, srTCM.		
11	The switch should support CoS based on VLAN, IP address, MAC address, DSCP, TCP/UDP port number, 802.1p priority queues, user defined packet content, IPv6 address		
12	The switch should have Port-based ingress & egress bandwidth control with minimum granularity of atleast 8Kbps. Flow-based ingress & egress bandwidth control with minimum granularity of atleast 8Kbps		
13	The switch should have support for standard & extended Access control lists based on VLAN ID, 802.1p priority, MAC address, IP Address, DSCP, TCP/UDP port number, user defined packet content, IPv6 address. Time based ACL.		
14	The switch should have the following security features from day one: SSHv2 for IPv4 & v6, SSLv1 v2 v3, Broadcast/Multicast & Unicast storm control, port security feature with atleast 64 MAC per port, traffic segmentation, ARP spoofing prevention, IEEE 802.1x port based authentication, authentication database failover, DHCP server screening, DAI (Dynamic ARP Inspection), BPDU attack protection, DoS attack prevention, Binding of IP address & MAC address with physical port. Web based Access Control, MAC based Access Control, Dynamic VLAN assignment, Guest VLAN, RADIUS &		



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	TACACS+. Atleast four level of user account control.		
15	The switch should have feature to protect the CPU from protocol control packet attack.		
16	The switch should have feature of atleast 512 static routes, default root, RIPv1v2, RIPng, OSPF, Policy Based Routing, at least 16nos. Of IP interfaces, IPv6 Neighbor Discovery, VRRP, policy based route from first day		
17	The Switch should have following Management features from day one: Web-based GUI, CLI, Telnet Server, TFTP Client, SFTP server, SNMPv1v2cv3, SNMP trap, BOOTP/DHCP Client, SNTP, NTP, debug command, RMONv1, RMONv2, Syslog, ICMPv6, DHCP server (atleast 10 address pool support), DHCP Relay Option 18, 37, 82, LLDP, LLDP-MED, Multiple Image support, sflow, trusted host, Physical console port for Out of band management.		
18	The switch should have energy saving green technology based on link status, cable length & IEEE 802.3az		
19	The switch should be 1U height		
20	All type of switches & transceivers should be from same make.		

S1 No	Eligibility Criteria for NGFW	Compliance with Document
1	NGFW OEM offered must be in steady profitable business in India for more than atleast 5 years.	
2	OEM must have ISO 9001:2015 certified and functioning for min. 5 years.	
3	OEM shall attended NSS latest test & 93% and above exploit block capability	
4	OEM should be present Leader/Challenger's/visionary quadrant of Gartner magic quadrant for last 2 years.	
5	OEM authorization specific to this tender	

### Minimum Specification for NGFW Technical Specifications with 3 years Subscription and warranty

Qty.	
Make	
Model	
Part No.	

NGFW Technical Specifications	Compliance (Y/N)
<b>Hardware Architecture &amp; Performance</b>	
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 12GB memory. Should have dedicated Marvell NPU preprocessor with 4 GB RAM for hardware acceleration .	
Should support minimum 120 GB SSD for logs & reports	
The appliance should support atleast 8 * 1G ports 2 * 1G SFP ports from day 1 . The appliance should have option to support additional 4 * 10G ports in future.	

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Should support atleast 28 Gbps Firewall throughput & 5 Gbps of IPS throughput	
Proposed appliance should support atleast 6 million concurrent sessions or more	
Firewall should support atleast 130k connections per second or more	
Firewall Should support 5 Gbps of NGFW & 1.2 Gbps of Threat Protection Throught ( Measured with Firewall, IPS, Application Control, and Malware prevention enabled )	
Solution should have 1.1 Gbps SSL/TLS inspection throughput	
<b>Industry Certification</b>	
Solution should have FIPS or EAL4+ certified	
<b>General Management</b>	
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	
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	
<b>Firewall, Networking &amp; Routing</b>	
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	
<b>Authentication</b>	

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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	
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	
<b>Next Gen VPN Support</b>	
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	
Intelligent split-tunneling for optimum traffic routing	
Single client support for IPSec & SSL remote VPN	
Mac and Windows Support	
<b>Sandbox Protection</b>	
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	
<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 25000 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 isolate compromised 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	

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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	
Control Center widget displays amount of data uploaded and downloaded to cloud applications categorized as new, sanctioned, unsanctioned or tolerated	
<b>Application Protection and Control</b>	
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	
Per-user or network rule application control policy enforcement	
<b>36 months License Includes :</b>	
Network Protection Subscriptions (IPS,HTML5, ATP, Anti-malware),	
Web Protection Subscriptions (URL, AppCtrl, Web/App Traffic Shaping),	
Cloud Sndboxing protection against Zero Day APT	
24 X 7 hardware & warranty support from OEM	

<b>Minimum Specification for 1.1 KVA UPS</b>	
<b>Qty.</b>	
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

<b>Specification</b>			<b>Compliance (Yes/No)</b>
Capacity	VA/W	1100 VA/600 Watt.	
Input	Voltage	220/230/240 VAC	

## WEBEL TECHNOLOGY LIMITED

	Voltage Range	140-300 VAC	
	Frequency Range	50 Hz (Auto Sensing)	
Output	AC Voltage Regulation (Batt. Mode)	±10%	
	Frequency Range (Batt. Mode)	50 Hz ±1 Hz	
	Transfer Time	Typical 10 ms	
Battery	Battery Type & Number	12 V/7.2 Ah x 2	
	Typical Recharge Time	4-6 hours up to 90% capacity	
	Battery Back up	120 Watt SPS load 30 Min.	
		180 Watt SPS load 20 Min.	
		240 Watt SPS load 10 Min.	
		300 Watt SPS load 5 Min.	
Environment	Operating Environment	0-40 Deg C.	
	Storage Temp	-15° C to 50° C	
	Humidity	0-90 % RH @ 0- 40°C (non-condensing)	
	Noise Level	Less than 40dB	

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

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

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

# WEBEL TECHNOLOGY LIMITED

## SECTION – I

### MAKE, MODEL & PART NUMBER

(Tender No. WTL/IB/LAN/21-22/000)

Network Equipments for IB WB, HQ.						
Sl	Item Description	Qty	UoM	Make	Model	Part No.
1	<b>Passive Components</b>					
1.1	6 Core MM OM2 Outdoor Armoured FO Cable	1200	Mtrs.			
1.2	12 Port LIU Loaded with SC Coupler	2	Nos.			
1.3	24 Port LIU Loaded with SC Coupler	1	Nos.			
1.4	SC MM OM2 Pigtail 1 Mtr.	48	Nos.			
1.5	SC - LC MM OM2 FO Patch Cord Duplex	6	Nos.			
1.6	UTP Cat6 Cable	80	Boxes			
1.7	24 Port Jack Panel	37	Nos.			
1.8	Cat6 I/O Connector	460	Nos.			
1.9	Face Plate Single with Shutter	460	Nos.			
1.1	Back Box	460	Nos.			
1.11	Cat6 Patch Cord 1 Mtr.	480	Nos.			
1.12	Cat6 Patch Cord 2 Mtr.	282	Nos.			
2	<b>Core Switches</b>					
2.1	L3 Switch with 24 port GigE 4x1G Uplink with Secondary Power Supply, Console Cable, Stack Module & 8x5xNBD x 5 years on-site comprehensive warranty	2	Nos.			
3	<b>L2 Distribution Switch</b>					
3.1	L2 Distribution Switch with 24 port GigE 4x1G Uplink with Stack Module & 8x5xNBDx3 years on-site comprehensive warranty	5	Nos.			
4	<b>Edge Switches</b>					
4.1	24 Port Giga, 4 x 10G SFP+ L2 Switch 5 years on-site comprehensive warranty	13	Nos.			
5	<b>SFP Transceiver Module</b>					
5.1	1000BASE SX SFP transceiver module, MMF (for Core & Distribution Switch)	16	Nos.			
6	<b>Firewall</b>					
6.1	NGFW with 3 years warranty and Subscription	2	no.			
7	<b>Rack</b>					
7.1	Equipment Rack 42U with Accessories	2	Nos.			

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7.2	Network Rack 22U with Accessories	3	Nos.			
7.3	Network Rack 12U with Accessories	3	Nos.			
7.4	Network Rack 9U with Accessories	1	Nos.			
8	<b>UPS</b>					
8.1	1100 VA Line Interactive UPS	9	Nos.			

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

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

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

# WEBEL TECHNOLOGY LIMITED

## SECTION – K

### DETAILS OF ORDERS EXECUTEDBY BIDDER

(Tender No. WTL/IB/LAN/21-22/015)

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: \_\_\_\_\_

- A. Type of Project shall indicate the implementation of services (Networking Setup, System Integration).
- 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, project completion certificate, customer satisfaction certificate etc.



# **WEBEL TECHNOLOGY LIMITED**

## **SECTION – L**

### **FINANCIAL CAPABILITY OF BIDDER**

(Tender No. WTL/IB/LAN/21-22/015)

#### **FINANCIAL INFORMATION**

Sl. No.	Name of the Bidder	Turnover (Rs. / Crores)		
		2017-18	2018-19	2019-20
1				

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

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

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

# WEBEL TECHNOLOGY LIMITED

## SECTION – M

### BIDDERS'S DETAILS

(Tender No. WTL/IB/LAN/21-22/015)

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	
	E-mail	
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 firms</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	
13	What type best describes your firm? (Purchaser reserves the right to verify the claims if necessary) <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><li>IT Company</li></ul>	
14	Number of Offices in district headquarters in West Bengal	
15	Is your organization having ISO 9001:2015 certificates?	
16	List the major clients with whom your organization has	

## WEBEL TECHNOLOGY LIMITED

	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

### PRE-BID MEETING QUERY

(Tender No. WTL/IB/LAN/21-22/015)

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: \_\_\_\_\_

# WEBEL TECHNOLOGY LIMITED

## SECTION - O

### SUPPORT SERVICECENTER & MANPOWER DETAILS OF BIDDER

(Tender No. WTL/IB/LAN/21-22/015)

Sl. No.	Name of Place	Address	Name of Support Personnel	Contact Number

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

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

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

# WEBEL TECHNOLOGY LIMITED

## SECTION – P

### LIST OF CLIENTS OF SIMILAR ORDERS

(Tender No. WTL/IB/LAN/21-22/015)

<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Address</b>	<b>Contact Person</b>	<b>Designation</b>	<b>Contact Numbers</b>

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

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

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

# WEBEL TECHNOLOGY LIMITED

## SECTION – Q

### MANUFACTURER'S AUTHORIZATION FORM

Date:

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

Ref: Tender No.: WTL/IB/LAN/21-22/015 dated 27.07.2021

WHEREAS \_\_\_\_\_ who 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 fulfill its obligation as our  
Service Provider in respect of our standard Warranty Terms we would continue to meet our Warranty  
Terms through alternate arrangements.

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 with in from the day of this letter. We assure availability of spares for the products for the  
next two years after warranty period.

We also confirm that the material will be delivered within 60 days 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 \_\_\_\_\_ 2021

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

# WEBEL TECHNOLOGY LIMITED

## SECTION – R

### 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-PRFORMANCE 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 Webel Bhavan, Block EP&GP, Sector V, Kolkata-700 091 (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 filled 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)

(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.



## WEBEL TECHNOLOGY LIMITED

(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-cum-Performance 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 – S

### NIT DECLARATION

(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: Supply, Installation, Testing & Commissioning of LAN Connectivity for Intelligent Branch,**  
**West Bengal.**

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/IB/LAN/21-22/015 dated 27.07.2021 for Supply, Installation, Testing & Commissioning of LAN Connectivity for Intelligent Branch, West Bengal 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.....2021