# **NOTICE INVITING e-TENDER**

e-Tender are invited for Delivery & Installation for upgradation of existing network core infrastructure, augmentation of additional equipment's of existing network infrastructure and integration of existing network infrastructure with buy back of existing network components of the Directorate of Commercial Taxes, GoWB.

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

1	Tender No. & Date	WTL/CT/NCI/18-19/006 dated 05.06.2018	
2	Tender Version No.	1.0	
3	Brief description of Job	Delivery & Installation for upgradation of existing network core infrastructure, augmentation of additional equipment's of existing network infrastructure and integration of existing network infrastructure with buy back of existing network components of the Directorate of Commercial Taxes, GoWB.	
4	Tender Fee	Rs.6000.00 (Rupees Six Thousand Only)	
5	Earnest Money Deposit	Rs.240,000.00 (Rupees Two Lakhs forty thousand Only)) in the form of Demand Draft from any Scheduled bank in favour of Webel Technology Limited payable at Kolkata	
6	Date of Downloading	05.06.18.	
7	Pre-Bid Meeting date & time	13.06.2018 at 12.00 Hrs	
	•	<ul> <li>Only two persons for each intending bidder's organization, who will submit the Tender document Fee, will be allowed to attend the Pre Bid Meeting.</li> <li>The person should have proper authorization in respective company Letter Head.</li> <li>Only queries as per format (Section - O) reaching WTL by 11.06.2018 at 16.00 Hrs will be taken for decision.</li> </ul>	
		Queries will be entertained for those bidders who will submit the Tender document Fee.	
		Queries will be sent to Manager (Purchase)     (arunava.saha@wtl.co.in)/Ms. Anita Dey     (wtladey@gmail.com) and copy to Mr. Debasis Majumdar     (debasis.majumdar@wtl.co.in).	
8	Bid Submission Start date & time	20.06.2018 at 15.00 Hrs	
9	Last date & time of EMD & Tender Fee submission	29.06.2018 at 11.00 Hrs	
10	Last date & time of Bid Submission	27.06.2018 at 12.00 Hrs	
11	Date & time of Technical Bid Opening	29.06.2018 at 12.00 Hrs	
12	Venue of Pre-Bid Meeting & submission of EMD & Tender Fee	WEBEL TECHNOLOGY LIMITED  (A Govt. of West Bengal Undertaking)  Plot - 5, Block – BP, Sector – V, Salt Lake City, Kolkata – 700091.	
13	Contact person	Mr. Arunava Saha, Contact no. 23673403-06, Ext. 212 Ms. Anita Dey, Contact no. 23673403-06, Ext. 231 Mr. Debasis Majumdar, Contact no. 23673403-06, Ext. 227	

- Intending bidder may download the tender documents from the website https://wbtenders.gov.in directly with the help of Digital Signature Certificate. Necessary cost of tender documents (tender application fee) may be remitted through Demand Draft issued from any Scheduled Bank in favour of "Webel Technology Limited", payable at Kolkata and also to be documented through e-filling. Cost of Earnest Money Deposit (EMD) may be remitted through Demand Draft issued from any Scheduled Bank in favour of "Webel Technology Limited", payable at Kolkata and also to be documented through e-filling. The original Demand Draft against Tender Application Fees & Earnest Money Deposit (EMD) should be submitted physically to the Manager (Purchase)/Manager (Finance), Webel Technology Limited, Plot 5, Block BP, Sector-V, Salt Lake City, Kolkata-700 091 under sealed cover on or before 11:00 Hrs of 29.06.2018.
- 2. Both Techno Commercial Bid and Financial Bid are to be submitted concurrently duly digitally signed in the website <a href="https://wbtenders.gov.in">https://wbtenders.gov.in</a>
- 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.

# **CONTENTS OF THE TENDER DOCUMENT**

The Tender document comprises of the following:

SECTION - A	SCOPE OF WORK & RESPONSIBILITY
SECTION – B	ELIGIBILITY CRITERIA
SECTION - C	DATE AND TIME SCHEDULE
SECTION - D	INSTRUCTION TO BIDDER
SECTION – E	BID FORM
SECTION - F	TECHNO COMMERCIAL EVALUATION & AWARDING OF CONTRACT
SECTION - G	GUIDANCE FOR E-TENDERING
SECTION - H	EXISTING NETWORK INFRASTRUCTURE FOR BUY BACK
SECTION – I	BILL OF MATERIAL
SECTION - J	TECHNICAL SPECIFICATION WITH COMPLIANCE STATEMENT
SECTION - K	DETAILS OF ORDERS EXECUTED BY BIDDER
SECTION - L	FINANCIAL CAPABILITY OF BIDDER
SECTION - M	BIDDER'S DETAILS
SECTION - N	MANUFACTURER'S AUTHORIZATION FORM
SECTION - O	FORMAT FOR PRE-BID MEETING QUERY
SECTION - P	LIST OF CLIENTS OF SIMILAR ORDERS
SECTION - Q	PROFORMA FOR PERFORMANCE BANK GUARANTEE
SECTION - R	NIT DECLARATION

#### **SECTION - A**

### SCOPE OF WORK & RESPONSIBILITY

# **For System Integrator**

- 1) Supply: Entrusted bidder must supply and work as per work order. All supplies must be certified, new and RoHS compliant. Supplied components must satisfy the minimum guiding specifications and guidelines, as applicable, proprietary technology must be mentioned against each component. Bidder is allowed to propose only one make / model per system or software required for the proposed solution. Bids with optional offers would be summarily rejected.
- 2) Installation, Integration & Implementation: Installation, integration & implementation will be governed by the stated guidelines and associated standards & in line with the scope of work defined in this document. Installation, integration & implementation of all network components utilities for optimal performances, registration of components with OEM for post installation warranty & AMC support are the sole responsibility of the Bidder.
- 3) **OEM responsibility:** Bidder to include confirmation from the respective OEMs for the products / AMC service/subscription proposed by them for the following:
  - a) All product specific compliance information has been certified by the OEM
  - b) OEM has not withheld any information about the product / solution that undermines the objectives of the proposed solution
  - c) For acceptance of successful installation/delivery/subscription bidder to submit item-wise back to back AMC / warranty /subscription coverage for 5 years for all network equioment, system software and accessories from the respective OEMs. The acceptance letter should be included along with the Bills.
  - d) For any change in system part no. / Serial no. of any hardware / software from the time of submission of offer till completion of the contract (for reasons like model changes or replacement systems), bidder should notify the change to the purchaser in written with supporting justification letter from the respective OEM for the change. The Purchaser reserves the right to accept or reject such changes.
- **4) Project Management :** Selected bidder will be required to perform the following project management tasks for the assigned areas:
  - a. Provide a detailed strategy and work plan for their scope of work.
  - b. Identify and address functional/technical issues that may arise during the project.
  - c. Provide a strategy for data transferring/migration from existing infrastructure to augmented infrastructure
- 5) Technical Tasks for Project Implementation: Selected bidder will be required to perform the following technical tasks for the assigned areas:
  - a. Existing network infrastructure will be migrated by to augmented network infrastructure.
  - b. Post migration health check / assessment.
- **6) Support and Maintenance:** Bidder will provide warranty support service for equipment's with back to back OEM support.

### SECTION - B

#### **ELIGIBILITY CRITERIA**

- The bidder must be a company registered under Companies Act, 1956/2013 or Partnership or LLP or OPC or Proprietary Firm. Documentary (Certificate of incorporation/Relevant document) evidence to be submitted.
- 2. The bidder should have their presence in Kolkata with own office. Valid proof should be submitted along with the bid.
- 3. The bidder should have valid GST Registration Certificate, PAN & Trade License. Bidder shall have to submit photocopy of the documents.
- 4. The bidder shall have execute "Similar Nature" of two orders an amount not less than Rs. 50 Lakhs in total order in last three financial years (considering FY 2015-16, 2016-17 & 2017-18) & current financial year in Government Department /PSU/Autonomous Body any reputed organization. References order copy for the project to be provided.
- 5. The bidder should have at least 5 numbers of Associate level network engineers having at least 3-5 years of relevant experience and industry level global certifications. The bidder should also have at least 2 numbers of Professional level network engineers having at least 5-7 years of relevant experience and industry level global certifications. Certificate from HR department for Associate level & Professional level certificate with the named resources has to be submitted.
- 6. Bidder should have call center number. Call Center details for Bidder with number & detailed to be submitted.
- 7. The bidder should have an annual turnover of not less than Rs.6.00 crore each year in the last three financial years (considering FY 2014-15, 2015-16 & 2016-17. Bidder shall have to submit Audited Accounts / Auditor Certificate in support of their claim.
- 8. Bidder should submit Earnest Money Deposit (EMD) of Rs. 240,000.00 (Rupees Two Lakh forty thousand only) in the form of Demand Draft from any Scheduled Bank in favour of Webel Technology Limited payable at Kolkata.
- 9. Bidder should submit Tender Fee of of Rs. 6000.00 (Rupees Six thousand only) in the form of Demand Draft from any Scheduled Bank in favour of Webel Technology Limited payable at Kolkata.
- 10. Manufacturer's tender specific authorizations for Network Switch & Load Balancer must be submitted as per format enclosed (Section O).
- 11. The bidder shall have Quality Certificate (ISO 9001:2008). Copy of valid Certificate to be submitted.
- 12. The bidder shall submit Bid Form (Section E) duly signed by the authorized signatory of the company as per the format enclosed. Deviation in format may not be accepted.
- 13. 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 (as per DIT guidance note issued on 26-Dec-2011). Declaration on bidder's letter head to be submitted.

# SECTION - C

# **DATE AND TIME SCHEDULE**

Sl. No.	Particulars	Date & Time
1	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	05.06.2018
2	Documents download/sale start date (Online)	05.06.2018
3	Last Date and time of sending the queries (Offline)	11.06.2018 & 16.00 hrs
4	Pre Bid Meeting at WTL Office (Off Line)	13.06.2018 & 12.00 hrs
5	Corrigendum, if any will be published (On Line)	-
6	Bid Submission start date & time (On line)	20.06.2018 & 15.00 hrs
7	Last Date & time of submission of original Demand Draft/Pay Order for cost of Earnest Money Deposit (Off line)	29.06.2018 & 11.00 hrs
8	Last Date & time of submission of original Demand Draft/Pay Order for cost of Tender Fee (Off line)	29.06.2018 & 11.00 hrs
9	Bid Submission closing date & time (On line)	27.06.2018 & 12.00 hrs
10	Bid opening date & time for Technical Proposals (Online)	29.06.2018 & 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)	-

# <u>SECTION -</u> D

#### **INSTRUCTION TO BIDDER**

#### 1. DEFINITIONS

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

- "Acceptance Test Document" means a document, which defines procedures for testing the functioning of installed system. The document will be finalized with the contractor within 7 days of issuance of the Letter of Award.
- "Bidder" means any firm offering the solution(s), service(s) and /or materials required in the RFP. The word Bidder when used in the pre award period shall be synonymous with Bidder, and when used after award of the Contract shall mean the successful Bidder.
- "Contract" is used synonymously with Agreement.
- "Contract Price" means the price to be paid to the Contractor for providing the Solution, in accordance with the payment terms.
- "Contractor" means the Bidder whose bid to perform the Contract has been accepted by Tender Committee and is named as such in the Letter of Award.
- "Default Notice" mean the written notice of Default of the Agreement issued by one Party to the other.
- "Installation" means installation of supplied Hardware & Software.
- "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 Directorate of Commercial Taxes and eventually Gov. of W. Bengal of the benefits of free and open competition.
- "GoI" shall stand for the Government of India.
- "GoWB" means Government of West Bengal.
- "Personnel" means persons hired by the Bidder as employees and assigned to the performance of the Infrastructure Solution or any part thereof.
- "Similar Nature of Work" means Delivery, Installation and Commissioning of Network Switch and other accessories.
- "Project" Delivery & Installation for upgradation of existing network core infrastructure, augmentation of additional equipment's of existing network infrastructure and integration of existing network infrastructure with buy back of existing network component's of the Directorate of Commercial Taxes, GoWB.
- "Services" means the work to be performed by the Bidder pursuant to this Contract, as described in the detailed Scope of Work.
- "Interest rate" means "364 days Government of India (GoI) Treasury Bills" rate.
- "Law" shall mean any Act, notification, bye law, rules and regulations, directive, ordinance, order or instruction having the force of law enacted or issued by the Central Government and/or the Government of West Bengal or any other Government or regulatory authority or political subdivision of government agency.
- **"LOI"** means issuing of Letter of Intent shall constitute the intention of the WTL to place the Purchase Order with the successful bidder.
- "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.

"CTD" means Commercial Tax Directorate, GoWB.

"Service" means provision of Contracted service viz., operation, maintenance and associated services for DEPLOYED SYSTEMS as per Section titled "Scope of Work".

"Termination Notice" means the written notice of termination of the Agreement issued by WTL.

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

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

"WTL" means Webel Technology Limited a Govt. of W. Bengal undertaking.

#### 2. PRE BID MEETING

Pre Bid Meeting will be held on 13.06.2018 at 12.00 hrs at premises of WTL. Bidder can send their queries as per format (Section - P) to Manager (Purchase) (arunava.saha@wtl.co.in) & Mr. Debasis Majumdar (debasis.majumdar@wtl.co.in). Only the queries received within the stipulated date prior to the Pre Bid Meeting will be answered. The entrance to the Pre Bid Meeting will be limited to two persons per bidder and carrying valid authorization letter on official letter head bearing company seal.

#### 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 add/modify/delete any portion of this document by issuance of an Corrigendum, which would be published on the website and will also be made available to the all the Bidder who have been issued the tender document. The Corrigendum shall be binding on all bidders and will form part of the bid documents.

#### 6. MODIFICATION AND WITHDRAWAL OF BIDS

As per the bidding process available in the tender.

#### 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)

The firm shall furnish an EMD of Rs.240,000/- (Rupees Two Lakh Forty Thousand only) in the form of a demand draft from a Scheduled Bank payable at Kolkata and in favour of Webel Technology Limited. Any bid not accompanied with the EMD shall be rejected.

#### 10. 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.

#### 11. 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.

#### 12. 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.

#### 13. CONTRACT EXECUTION

On receipt of the Letter of Award/Purchase Order 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/Purchase Order. The PBG should be valid for six month more than the warranty period. All delivery of the material will have to be completed within 45 days from the date of acceptance of contract and the contractor has to ensure all activities leading to the commissioning of the contract to be completed within 75 days from the date of award. Subsequent to the award of contract, the contractor will have to arrange for the requisite material as per BOM.

### 14. TIME SCHEDULE FOR DELIVERY & INSTALLATION

All delivery of the material will have to be completed within 4-6 weeks from the date of Order.

#### 15. LOCATION FOR DELIVERY & INSTALLATION

DIRECTORATE OF COMMERCIAL TAXES 14, BELIAGHATA ROAD KOLKATA - 700 015

#### 16. LIQUIDATED DAMAGE / PENALTY

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

#### 17. LIABILITY

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

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

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

#### 18. PATENTS & COPYRIGHT

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

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

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

#### 19. SUSPENSION OF WORK

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

#### 20. TERMS OF PAYMENT

Payment terms will be on back-to-back basis, i.e., payment will be made only on receipt of payment from relevant customer, i.e. Directorate of Commercial Taxes, GoWB. A scheduled payment terms depicted below:

# (A) All deliverable Items

- a) 90% payment of the total deliverable Hardware value will be made after successful delivery of materials at CTD HQ, 14, Beliaghata Road
- b) Balance 10% payment of total deliverable Hardware value will be released after successful Installation & submission of extended warranty certificate from OEM.

#### 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

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. BIDING CLAUSE

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

The Tender Committee reserves the right:

- To vary, modify, revise, amend or change any of the terms and conditions mentioned above and,
- To reject any or all the Tender/s without assigning any reason whatsoever thereof or to annul the bidding
  process and reject all bids at any time prior to award of contract, without thereby incurring any liability to
  the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for such decision.

#### 24. WORKMEN'S COMPENSATION

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

#### 25. CONTRACTOR'S EMPLOYEES

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

#### **26. SAFETY MEASURES**

The Contractor shall in the course of execution of the work take all necessary precaution for the protection of all persons and property. The Contractor shall take adequate measures to protect the work and present 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 other wise 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.

#### 29. TERMINATION FOR DEFAULT

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

#### 30. BANKRUPTCY

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

#### 31. FORCE MAJEURE

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

- War, Hostilities or warlike operations (whether a state of war be declared or not), invasion, act of foreign enemy and civil war.
- Rebellion, revolution, insurrection, mutiny, usurpation of civil or military, government, conspiracy, riot, civil commotion and terrorist area.
- Confiscation, nationalization, mobilization, commandeering or requisition by or under the order of any
  government or de facto authority or ruler, or any other act or failure to act of any local state or national
  government authority.
- Strike, sabotage, lockout, embargo, import restriction, port congestion, lack of usual means of public transportation and communication, industrial dispute, shipwreck, shortage of power supply epidemics, quarantine and plaque.
- 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 fro 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 OEM on behalf of bidder will provide warranty that products supplied under the contract are newly made and are free from defects in the design, engineering and workmanship. The Contractor would be responsible for the up keep and maintenance of all Devices and necessary deliverables under the scope of work during the entire warranty period, i.e., 60 months from the date of final acceptance of the system. The Contractor/OEM shall not, without the express prior written consent of WTL, assign to any third party of the contract or part thereof. Service support for the entire warranty period will be on site and comprehensive (including spares) and free of cost for the entire warranty period. Warranty will be invalid if the equipment is serviced by unauthorized personnel of misuse is detected.

#### 34. WARRANTY SUPPORT

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 other support) and free of cost for the entire warranty period.

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

Category	Uptime Requirement	Response Time Requirement	Maximum Downtime permitted per instance
Equipments located in 14, Beliaghata Road	98.0%	8 Hours	48 Hours

#### Service Level Agreement (SLA)

Penalty calculation for downtime within warranty period

<= Resolution within 48 Hrs : No Penalty

Downtime time exceed 48 Hrs.: every day = 500/- (Faulty equipment)

Penalty will be calculated monthly basis.

#### 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 – Q).

#### 36. CONTRACTOR'S RESPONSIBILITIES

Refer Section - A (Scope of Work & Responsibility)

#### 37. NO WAIVER OF RIGHTS

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

# 38. GRAFTS, COMMISSIONS, GIFTS, ETC.

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

#### 39. ENFORCEMENT OF TERMS

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

#### 40. PERIOD OF VALIDITY OF OFFER

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

#### 41. TAXES & DUTIES

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

#### 42. DISCREPANCIES IN BID

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

#### 43. BID DUE DATE

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

#### 44. LATE BID

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

#### 45. OPENING OF BID BY WTL

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

#### **46. CONTACTING WTL**

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

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

WTL reserves the right to reject any bid and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for such decision.

#### **48. BID CURRENCIES**

Prices shall be quoted in Indian Rupees, inclusive of all prevailing 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.

#### 54. 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.

#### 55. PREPARATION OF TENDER

Tender shall be submitted in accordance with the following instructions:

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

#### 56. PRE-DISPATCH INSTRUCTION

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

#### **57. FINAL INSPECTION**

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

#### **58. 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.

#### 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. 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.

#### **61. 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.

#### **62. DEEMED ACCEPTANCE**

Deliverables will be deemed to be fully and finally accepted by District e-Governance Society, Uttar Dinajpur in the event District e-Governance Society, Uttar Dinajpur has not submitted such Deliverable Review Statement to Bidder/Implementation Partner before the expiration of the 30-days review period, or when District e-Governance Society, Uttar Dinajpur uses the Deliverable in its business, whichever occurs earlier ("Deemed Acceptance").

# **63. QUALITY CONTROL**

- The contractor is obliged to work closely with WTL and/or Directorate of Commercial Taxes, 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 and Directorate of Commercial Taxes 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 and Directorate of Commercial Taxes 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/ Directorate of Commercial Taxes.
- 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. SITE NOT READY**

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

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

### **SECTION - E**

#### **BID FORM**

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

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

Sub: Delivery & Installation for upgradation of existing network core infrastructure, augmentation of additional equipment's of existing network infrastructure and integration of existing network infrastructure with buy back of existing network components of the Directorate of Commercial Taxes, GoWB.

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/CT/NCI/18-19/006 dated 05.06.2018, 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.
- 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 EMD in the form of Demand draft for a sum of Rs. 240,000/- (DD no. \_\_\_\_\_\_ dated \_\_\_\_\_ drawn on \_\_\_\_\_\_).
- 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 without any explanation to bidders and his decision on the subject will be final and binding on Bidder.

Thanking you, we remain,

Yours faithfully	
Signature	
Name in full	
Designation	
Sig	nature & Authorized Verified by
	Signature
	Name in full
	Designation
	Company Stamp
Dated, thisday of2018	

### SECTION - F

### TECHNO COMMERCIAL EVALUATION & AWARDING OF CONTRACT

#### 1. EVALUATION PROCEDURE

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

# 2. FINAL EVALUATION

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

#### 3. AWARDING OF CONTRACT

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

#### 4. POST QUALIFICATION

The determination will evaluate the Bidder's financial, technical, design, integration, customization, production, management and support capabilities and will be based on an examination of the documentary evidence of the Bidder's qualification, as well as other information WTL deems necessary and appropriate. This determination may include visits or interviews with the Bidder's client's reference in its bid, site inspection, and any other measures. At the time of post-qualification, Directorate of es 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.

### **SECTION - G**

# **GUIDANCE FOR E-TENDERING**

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

### • Registration of Bidder:

Any Bidder willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement System through logging on to https://wbtenders.gov.in. The Bidder is to click on the link for e-Tendering site as given on the web portal.

### • Digital Signature Certificate (DSC):

Each Bidder is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider of the National Informatics Centre (NIC) on payment of requisite amount. Details are available at the Web Site stated above. DSC is given as a USB e-Token.

The Bidder can search & download N.I.T. & BOQ electronically from computer once he logs on to the
website mentioned above using the Digital Signature Certificate. This is the only mode of collection
of Tender Documents.

#### • Participation in more than one work:

A prospective bidder shall be allowed to participate in the job either in the capacity of individual or as a partner of a firm. If, found to be applied severally in a single job all the applications will be rejected.

### • Submission of Tenders:

Tenders are to be submitted through online to the website stated above in two folders at a time, one in Techno Commercial Proposal & the other is Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC). The documents are to be uploaded virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats)

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

### Techno Commercial Cover:

# Technical Document1 (scanned & join in pdf format then upload)

- 1. Copy of Demand Draft of Earnest Money Deposit (EMD)
- 2. Copy of Demand Draft of Tender Fee

### Technical Document2 (scanned & join in pdf format then upload)

- 1. NIT Declaration duly stamped & signed in letter head, Section R
- 2. Bid Form as per format (Section E)

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

- 1. Technical Specification With Compliance Statement (Section J)
- 2. Manufacturer Authorisation Form (Section N)

#### Financial Cover:

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

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

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

Sl. No.	Category Name	Sub Category Name	Sub Category Description
A	CERTIFICATES	A1. CERTIFICATES	<ul> <li>GST Registration Certificate</li> <li>PAN</li> <li>Trade License</li> <li>Document as per Clause no. 2 of Section – B</li> </ul>
В	COMPANY DETAILS	B1. COMPANY DETAILS 1	<ul> <li>Document as per Clause – 1 of Section – B</li> <li>Declaration as per Clause no. 13 of Section – B</li> </ul>
		B2. COMPANY DETAILS 2	<ul> <li>Company Profile (Not more than 3 pages)</li> <li>ISO Certificate as per Clause no. 11 of Section –</li> <li>B</li> </ul>
С	CREDENTIAL	CREDENTIAL 1	Order copies as per Clause no. 4 of Section – B
		CREDENTIAL 2	<ul><li>Product brochure</li><li>Other documents, if any</li></ul>
D	DECLARATION	DECLARATION 1	List of Clients as per format (Section – P)
		DECLARATION 2	Financial Capability of Bidder as per format (Section – L)
		DECLARATION 3	Bidder's Details as per format (Section – M)
		DECLARATION 4	Details of Order Executed as per format (Section – K)
		DECLARATION 5	Declaration as per Clause no.6 of Section – B Certificate as per Clause no.5 of Section – B
F	FINANCIAL INFO	P/L & BALANCE SHEET 2014-2015	P/L & BALANCE SHEET 2014-2015
		P/L & BALANCE SHEET 2015-2016	P/L & BALANCE SHEET 2015-2016
		P/L & BALANCE SHEET 2016-2017	P/L & BALANCE SHEET 2016-2017

# Note:

The hard copy of the total set of documents uploaded in e-Tender site except BOQ to be submitted in sealed envelope to Manager (Purchase), Webel Technology Ltd. before opening of Technical Bid. The envelope superscripted with words "Hard copy of document uploaded against Tender no. WTL/CT/NCI/18-19/006 except BOQ".

# <u>SECTION – H</u> <u>EXISTING NETWORK INFRASTRUCTURE FOR BUY BACK</u>

S1. No.	Item Description	Qty.	Presently Installed at	Status
1	Cisco Core Switch 4507R	4	CTD HQ & WBSDC for CTD Infrastructure	In Production
2	Cisco Nexus 5020	2	WBSDC for CTD Infrastructure	In Production
3	Cisco 3560 Switch	5	CTD HQ & Salt Lake Building	In Production
4	Cisco 3845 Router	1	CTD HQ	In Production
5	Peplink BPL 380 Link Load Balancer	1	CTD HQ	In Production

# **Configuration details of Network Equipment**

Core Switch - 1 installed at Directorate of Commercial Tax HQ				
	Cisco-C4507R FOX1204G			
	Items (Sup & Card) Install i	nto Core Switch 1		
Sl. No.	Description	Part No.	Serial Number	
1	Sup 6L-E 10GE (X2), 1000BaseX (SFP), (INSTALLED SLOT-1)	WS-X45-SUP6L-E	JAE18020HSW	
la	CISCO TWINGig converter module	CVR-X2-SFP	FDO17470AHA	
lb	SFP Module	GLC-ZX-SM	FNS153019E6	
2	Sup 6L-E 10GE (X2), 1000BaseX (SFP), (INSTALLED SLOT-2)	WS-X45-SUP6L-E	JAE15400ALR	
2a	CISCO TWINGig converter module	CVR-X2-SFP	FDO153610NX	
2b	SFP Module	GLC-ZX-SM	FNS15301A4A	
3	6 Dual media SFP or 10/100/1000BaseT (RJ45)V voice power ports (Cisco/IEEE) (RJ45)V, Cisco/I. (INSTALLED IN SLOT-3)	WS-X4506-GB-T	JAE1216F7JO	
3a	SFP Module	GLC-SX-MM	AGM111416CV	
3b	SFP Module	GLC-SX-MM	AGM111416CB	
3c	SFP Module	GLC-SX-MM	OPA12091147	
3d	SFP Module	GLC-SX-MM	OPA12092442	
3e	SFP Module	GLC-SX-MM	OPA12091167	
4a	Line card (SLOT 4)	WS-X4424-GB-RJ45	JAE12099U5M	
4b	Line card (SLOT 5)	WS-X4424-GB-RJ45	JAE1216FEMV	
5a	PS1	PWR-C45-1300ACV	DTH1214N218	
5b	PS2	PWR-C45-1300ACV	DTH1214N249	

6	FAN TRAY	WS-X4597	NWG1152045L
7	Clock Module	WS-X4K-CLOCK	JAE12021H9I
8a	Mux Buffers for Redundancy Logic	WS-X4590	JAE1217G53M
8b	Mux Buffers for Redundancy Logic	WS-X4590	JAE1217G55D
8c	Mux Buffers for Redundancy Logic	WS-X4590	JAE1217G4TV
8d	Mux Buffers for Redundancy Logic	WS-X4590	JAE1217G56V

	Core Switch - 2 installed at Directorate of Commercial Tax HQ			
	Cisco-C4507R-E		FXS1632Q1P2	
	Items (Sup & Card) Install i	into Core Switch 2		
Sl. No.	Description	Part No.	Serial Number	
1	Line card(slot 1)	WS-X4306-GB	JAE162909PM	
la	1000BaseSX SFP Module	SFBR-5686Z-CS1   WS- G5484	AGM1620D0HS	
lb	1000BaseSX SFP Module	SFBR-5686Z-CS1   WS- G5484	AGM1620D0HT	
lc	1000BaseSX SFP Module	SFBR-5686Z-CS1   WS- G5484	AGM1620D0H1	
ld	1000BaseSX SFP Module	SFBR-5686Z-CS1   WS- G5484	AGM1620D0HA	
le	1000BaseSX SFP Module	SFBR-5686Z-CS1   WS- G5484	AGM1620D0H2	
1f	1000BaseSX SFP Module	SFBR-5686Z-CS1   WS- G5484	AGM1620D0HE	
2	Supervisor II+ 1000BaseX (GBIC) (SLOT -3)	WS-X4013+	JAE13041RFR	
2a	1000BaseSX SFP Module	SFBR-5686Z-CS1   WS- G5484	AGM1620D0H0	
2b	1000BaseSX SFP Module	SFBR-5686Z-CS1   WS- G5484	AGM1620D0HQ	
3	Supervisor II+ 1000BaseX (GBIC) (SLOT -4)	WS-X4013+	JAE1216ETQ7	
3a	1000BaseSX SFP Module	SFBR-5686Z-CS1   WS- G5484	AGM1620D0HV	
3b	1000BaseSX SFP Module	SFBR-5686Z-CS1   WS- G5484	AGM1620D0HU	
4a	PS1	PWR-C45-1000AC	AZS16290C8S	
4b	PS2	PWR-C45-1000AC	AZS16290C90	
5	FAN TRAY	WS-X4597+E	FXS1628Q03D	

	Distribution Switch Details installed at CTD HQ & Salt Lake Building				
Sl. No.	Description	Part No.	Serial Number		
1	Distribution Switch - 1	WS-C3560G-24TS-S, V03	FOC1217Y3H6		
		1000BaseSX SFP	FOC1217Y3H6		
		1000BaseSX SFP	OPA12091145		

	Distribution Switch - 2	WS-C3560G-24TS-S, V03	FOC1247W3N8
2		1000BaseSX SFP	OPA12092443
		1000BaseSX SFP	AGM111416CM
	Distribution Switch - 3	WS-C3560G-24TS-S, V03	FOC1217Y3HZ
3		1000BaseSX SFP	AGM111416CT
		1000BaseSX SFP	OPA12090982
4	Distribution Switch - 4	WS-C3560G-24TS-S, V03	FOC1217Y3H8
4		1000BaseSX SFP	AGM111416CL
5	Distribution Switch - 5	WS-C3560G-24TS-S, V03	FOC1349W78Q

	Core Router Installed at Directorate of Commercial Tax HQ			
S1. No.	Description	Part No.	Serial Number	
1	ROUTER	CISCO3845, V01	FHK1217F3CK	
2	c3845 Motherboard with Gigabit Ethernet	CISCO3845-MB, V06	FOC12164YNC	
3	WAN Interface Card - Serial (1T)	WIC-1T=, V1.1	34240525	
4	4 Port FE Switch	HWIC-4ESW, V01	FOC14144F0N	
5	Two Port Channelized E1/T1/PRI with Integrated CSU	NM-2CE1T1-PRI=, 5.0	FOC085211FF	
6	Four Port High-Speed Serial	NM-4T=, 1.1	15075819	
7	Four Port High-Speed Serial	NM-4T, v01	36415474	
8	Eight Port Low-Speed A/S Serial	NM-8A/S=, 1.0	33303023	

	Core Switch - 3 installed at West Bengal State Data Center (for CTD Infrastructure)					
	WS-C4507R-E 7 slot switch   PART NO : WS-C4507R-E FOX1411GRN3					
	Items(Sup & Card) Install i	nto Core Switch 3				
Sl. No.	Description	Part No.	Serial Number			
1	Clock Module	WS-X4K-CLOCK-E	NWG142304KD			
2	5 PCs Mux Buffer 1	WS-X4590-E	NWG142509RA NWG142509S6 NWG142601QU NWG142602D6 NWG142601RW			
3	10/100/1000BaseT (RJ45) with 48 10/100/1000 baseT ( Line card slot 1)	WS-X4648-RJ45-E	JAE153906VK			
4	10/100/1000BaseT (RJ45) with 48 10/100/1000 baseT Line card(slot 2)	WS-X4648-RJ45-E	JAE153906TX			
5	Supervisor 6L-E 10GE (X2), 1000BaseX (SFP) with 2 10GE X2 port (Supervisor(slot 3)	WS-X45-SUP6L-E	JAE15340F3Z			

5a	10Gbase-SR	X2-10GB-SR	AGA1532X29E
5b	10Gbase-SR	X2-10GB-SR	AGA1531X3RJ
6	Supervisor 6L-E 10GE (X2), 1000BaseX (SFP) with 2 10GE X2 ports ( SLOT - 4 )	WS-X45-SUP6L-E	JAE1540049R
6a	10Gbase-SR	X2-10GB-SR	AGA1532X1A2
6b	10Gbase-SR	X2-10GB-SR	AGA1531X40V
7	6 Dual media SFP or 10/100/1000BaseT (RJ45)V voice power ports (Cisco/IEEE) (SLOT-5)	WS-X4506-GB-T	JAE1539083I
7a		1000BaseSX	AGM1531L8Z1
7b		1000BaseSX	FNS15380PYU
7c		1000BaseSX	FNS15380PYS
7d		1000BaseSX	FNS15380PY0
7e		1000BaseZX	FNS153019DZ
8a	Power Supply ( AC 1300W )	PWR-C45-1300ACV	SNI1532AT1G
8b	Power Supply ( AC 1300W )	PWR-C45-1300ACV	SNI1530ATHN
9	Fan Tray	WS-X4597-E	FOX1411GXX8

	Core Switch - 4 installed at West Bengal State Data Center (for CTD Infrastructure)				
	WS-C4507R-E 7 slot switch FOX				
	Items(Sup & Card) Install into Core Switch 4				
Sl. No.	Description	Part No.	Serial Number		
1	Clock Module	WS-X4K-CLOCK-E	NWG15200H5X		
2	5 Pcs Mux Buffer	WS-X4590-E	NWG1521061F NWG152106QF NWG15210620 NWG152106TQ NWG1521060K		
3	10/100/1000BaseT (RJ45) with 48 10/100/1000 baseT (slot 1)	WS-X4648-RJ45-E	JAE153906TS		
4	10/100/1000BaseT (RJ45) with 48 10/100/1000 baseT (slot 2)	WS-X4648-RJ45-E	JAE153906UR		
5	Supervisor 6L-E 10GE (X2), 1000BaseX (SFP) with 2 10GE X2 ports	WS-X45-SUP6L-E	JAE1540049J		
5a	10Gbase-SR	X2-10GB-SR	AGA1531X3RF		
5b	10Gbase-SR	X2-10GB-SR	AGA1532X1TZ		
6	Supervisor 6L-E 10GE (X2), 1000BaseX (SFP) with 2 10GE X2 ports	WS-X45-SUP6L-E	JAE154001O5		
6a	10Gbase-SR	X2-10GB-SR	AGA1531X3RE		
6b	10Gbase-SR	X2-10GB-SR	AGA1531X3R5		
7	6 Dual media SFP or 10/100/1000BaseT (RJ45)V voice power ports (Cisco/IEEE)	WS-X4506-GB-T	JAE153907ZI		
7a		1000BaseSX	FNS15331GD0		
7b		1000BaseSX	FNS15381NYP		
7c		1000BaseSX	FNS15340Q6M		

7d		1000BaseSX	FNS15380PY6
7e		1000BaseZX	FNS15301A4T
8a	Power Supply (AC 1300W)	PWR-C45-1300ACV	SNI1532AT3D
8b	Power Supply ( AC 1300W )	PWR-C45-1300ACV	SNI1532AT13
9	Fan Tray	WS-X4597-E	FOX1523H4U8

C	Cisco Nexus Switch - 1 installed at West Bengal State Data Center (CTD Infrastructure)				
Sl. No.	Description	Part No.	Serial Number		
1	Nexus5020 Chassis	N5K-C5020P-BF	SSI15250MNB		
2	40x10GE/Supervisor	N5K-C5020P-BF	FOC154023B1		
3	6x1/2/4/8G FC Module	N5K-M1060	FOC15241EYF		
4	AC power supply	N5K-PAC-1200W	DTM151401RK		
5	AC power supply	N5K-PAC-1200W	DTM151401RP		
6	5pcs Chassis fan module	N5K-C5020-FAN	N/A		
C	Cisco Nexus Switch - 2 installed at West Bengal	State Data Center (CTD I	nfrastructure)		
Sl. No.	Description	Part No.	Serial Number		
1	Nexus5020 Chassis	N5K-C5020P-BF	SSI15250MTX		
2	40x10GE/Supervisor	N5K-C5020P-BF	FOC15421SJS		
3	6x1/2/4/8G FC Module	N5K-M1060	FOC15241EZM		
4	AC power supply	N5K-PAC-1200W	DTM143701LN		
5	AC power supply	N5K-PAC-1200W	DTM143701LW		
6	5pcs Chassis fan module	N5K-C5020-FAN	N/A		

# Peplink Link Load Balancer installed at Directorate of Commercial Tax HQ

Sl. No.	Description	Part No.	Serial Number
1	BPL Balance 380 Series, Multi WAN Router (3 WAN Ports) with 200 Mbps Throughput, 1U, 19" Rack mount Chassis	Peplink / BPL 380	1824856C3427

# **SECTION - I**

# **BILL OF MATERIAL**

S1. No.	Item Description	Qty.
1.	Core Switch as per Technical Specification Given in Section - J	02 Nos.
2.	10GBASE-SR SFP Module (Compatible with Core & Distribution Switch with same make of Core & Distribution switch)	24 Nos.
3.	Distribution Switch as per Technical Specification Given in Section - J	06 Nos.
4.	Core Router as per Technical Specification Given in Section - J	01 No.
5.	L2 Switch as per Technical Specification Given in Section - J	02 Nos.
6.	Link Load Balancer as per Technical Specification Given in Section - J	01 No.

Bill of quantity may change at the time of ordering of Purchase Order. Detailed Technical Specifications are given in Section – J.

# **SECTION - J**

# TECHNICAL SPECIFICATION WITH COMPLIANCE STATEMENT

(Tender No. WTL/CT/NCI/18-19/006)

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

# **Minimum Technical Specification of Core Switch**

	Qty.		02 Nos.	
	Make			
	Model			
	Part No			
S/N	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)	Remarks
A	General Features & Performance :			
1	Chassis based switch with at least 5 payload slots.			
2	Offered switch will have redundant CPUs from day-1. Should support Non-Stop Forwarding and Stateful Switchover to ensure information between supervisor engines are fully to allow the standby supervisor engine to take over in sub second time if the primary supervisor fails.			
3	Redundant Power supply from day 1.			
4	Platform should integrated with SDN platform from Day 1, SDN controller can be added as and when required			
5	Should have 16 GB DRAM with optional SSD to host 3rd party container based application.			
6	The switch will have at least 1.2 Tbps switching capacity.			
7	The switch should minimum 850 Mpps IPv4 forwarding and 400 for IPv6			
8	IPv4 Routing entry support : 100K			
9	IPv6 Routing entry support : 50K			
10	Multicast Routing entry support: 10K			
11	MAC addresses support: 64K			
12	VLANs support: 2000 VLANs			
13	ACL & QOS entry support : 10K			
14	Packet buffer : 96 MB			_
15	The device should be IPv6 ready from day one			
16	The switch should be able to support 120 Gbps per slot bandwidth even when one CPU goes down.			
17	BGP, IS-IS, OSPF Routed Access, RIP, Policy-Based Routing (PBR), PIM SM, and Virtual Router Redundancy Protocol (VRRP) from Day 1			

18	STP, PVLAN, First Hop Security, Link Aggregation Protocol (LACP)		
19	STP, Trunking, Private VLAN (PVLAN), Q-in-Q, Shaped Round Robin (SRR) scheduling, Committed Information Rate (CIR), and eight egress queues per port		
20	Should have AES-256 support with MACSEC-256 encryption algorithm on hardware		
21	Platform should support identifying malware in encrypted traffic in Campus LAN layer or an external appliance for the same functionality can be provided.		
22	During system boots, the system's software signatures should be checked for integrity. System should capable to understand that system OS are authentic and unmodified, it should have cryptographically signed images to provide assurance that the firmware & BIOS are authentic.		
23	OS should have support for Management automation vis Netconf/Yang or equivalent		
24	Should support Streaming Telemetry, Netflow / Sflow/Jflow, SPAN, RSPAN or equivalent		
В	Interface		
1	Should have capabilities to seamless upgrade/replacement (without interrupting running processes and services) for modular interfaces. The Switch will be populated with:		
2	48x 1G copper ports from Day 1 48x 1/10G fiber SFP + modules from Day 1 The switch should have the provision for connecting 40G interfaces to meet the future scalability needs		
С	Certification:		
1	The switch should be CE Marking, UL 60950, EN 60950 and ROHS5		
2	The switch OEM should be a Leader/Challenger in the Gartner's magic quadrant for last 3 consecutive years (2015,2016,2017)		
3	The switch should be EAL/NDPP certified		

# **Minimum Technical Specification of Distribution Switch**

	Qty.		06 Nos.	
	Make			
	Model			
	Part No			
S/N	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)	Remarks
A	General			
1	The Switch should have minimum $40 \times 1/10G$ Ports for the downlink connectivity and at least $8 \times 10G$ SFP+ ports for uplink connections and future use			
2	The switches should be populated with at least 30 * 1G BASE-T modules and at least 6 * 1G BASE-X modules from Day 1			

3	The switch should support MTBF of 180,000 hours (minimum)		
4	Should have internal Redundant Power supply from Day 1		
5	Support for Configuration and image rollback		
6	IPv4 & IPv6 Layer 3 forwarding in hardware		
7	Should have at least 16 GB DRAM & 8GB Flash memory		
В	Performance		
1	Should have at least 480 Gbps Switching capacity & 700 Mpps forwarding rate		
2	Fully non - blocking backplane and wire - speed throughput with minimal latency		
3	MAC Address table : 64000		
4	Should support 32000 routes		
C	Layer 3 feature		
1	Basic IP unicast routing protocols (static, RIPv1, and RIPv2) should be supported from day $1. $		
2	Should have support for advanced routing support including OSPF, IS - IS, policy based routing & Multicast routing, Protocolindependent multicast (PIM) for IP multicast routing is supported, including PIM sparse mode (PIM-SM), PIM dense mode (PIM-DM), PIM sparse-dense mode, and source-specific multicast (SSM),PBR, and IS-ISv4, OSPFv3 etc		
D	Layer 2 feature		
1	IEEE 802.1Q VLAN encapsulation. At least 1000 VLANs should be supported. Support for 4000 VLAN IDs.		
2	Centralized VLAN Management. VLANs created on the Core Switches should be propagated automatically.		
3	IEEE 802.1d, 802.1s, 802.1w, 802.3ad standard support from day - 1		
E	Network Security Features		
1	IEEE 802.1x to allow dynamic, port - based security, providing user authentication.		
2	Port - based ACLs for Layer 2 interfaces to allow application of security policies on individual switch ports. There should be a scale of at least 16000 Security ACLs on the switch from Day 1		
3	Support for SSHv2 and SNMPv3.		
4	RADIUS authentication to enable centralized control of the switch and restrict unauthorized users from altering the configuration.		
5	Dynamic ARP Inspection or equivalent which can ensure user integrity by preventing malicious users from exploiting the insecure nature of the ARP protocol.		
6	DHCP snooping to allow administrators to ensure consistent mapping of IP to MAC addresses. This can be used to prevent attacks that attempt to poison the DHCP binding database, and to rate - limit the amount of DHCP traffic that enters a switch port.		
7	Port security to secure the access to an access or trunk port based on MAC address.		

8	Multilevel security on console access to prevent unauthorized users from altering the switch configuration using local database or through an external AAA Server.	
9	Spanning tree feature to shut down Spanning Tree Protocol enabled interfaces when BPDU's are received to avoid accidental topology loops.	
F	Management	
1	Command Line Interface (CLI) support for configuration & troubleshooting purposes.	
2	For enhanced traffic management, monitoring, and analysis, upto four RMON groups (history, statistics, alarms, and events) must be supported.	
3	Domain Name System (DNS) support to provide IP address resolution with user - defined device names.	
4	FTP/ Trivial File Transfer Protocol (TFTP) to reduce the cost of administering software upgrades by downloading from a centralized location.	
5	Network Timing Protocol (NTP) based on RFC 1305 to provide an accurate and consistent timestamp to all intranet switches.	
6	SNMP v1, v2c, and v3 and Telnet interface support delivers comprehensive in - band management, and a CLI - based management console provides detailed out - of - band management.	
7	RMON I and II standards	
8	SNMPv1, SNMPv2c, and SNMPv3	
G	Certification:	1
1	Switch OEM should be in the Gartner's Leaders & Challengers quadrant for Wired and Wireless LAN Access Infrastructure for last 3 years (2015,2016,2017)	

# **Minimum Technical Specification of Core Router**

	Qty.		01 No.	
	Make			
	Model			
	Part No			
S/N	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)	Remarks
1	The Router should support modular architecture, multi-core Processor, internal redundant field replaceable power supply (from Day1). The Router Should have capabilities of seamless field upgrade/replacement (without interrupting running processes and services) for modular interfaces.			
2	Router should have 4 x 1G SFP/Base-T (combo or dedicated) port from Day 1.			
3	The Router should support interfaces supported by router like Channelized E1/T1, V.35, G.703, LTE, Gigabit and 10G Ethernet modules to accommodate field upgrades without rebooting the router.			

4	The Router should have 1 empty slot for future use		
	Router should have minimum 8 GB of onboad/inbuilt		
_	DRAM/RAM for data plane + control plane processes and 2 GB		
5	Flash from Day 1. Should support expandability 8 DRAM and 4		
	Flash.		
	Router should support 750 K IPv4 and IPv6 routes, with 4000		
6	GRE and IPSEC tunnel.		
	The router should support 900 Mbps of IPSEC Bandwidth,		
7	incase required in the future		
_	Router should support IGMP v1/v2/v3 and PIM multicast		
8	routing		
•	Router should support static Routes, OSPFv2, OSPFv3, MBGP,		
9	BFD, Policy based routing, IPv4 and IPv6 tunneling		
10	The Router should support Zone Based Firewall feature or an		
10	external appliance for the same functionality can be provided.		
	Router should Support Traffic Optimization feature built in the		
11	router operating system or an external appliance for the same		
	functionality can be provided.		
	Shall have 802.1p class of service and marking, classification,		
12	policing and shaping.		
10	Router should support SSHv2, SNMPv2c, SNMPv3 and NTP		
13			
14	Routers should support AAA using RADIUS and TACACS+		
	Should have extensive support for IP SLA and best path		
15	selection for metrics like delay, latency, jitter, packet loss to		
	assure business-critical IP applications from Dayl.		
16	The router should support cRTP to compress voice (RTP)		
	streams		
	Router should support monitoring of network traffic with		
17	application level insight with deep packet visibility into web		
	traffic, RTP-Based VoIP traffic.		
10	Router should have traffic load balancing capability on dual		
18	WAN Links based on based on advanced criteria, such as		
	reachability, delay, loss, jitter and bandwidth utilization.		
	Router shall have capability to add on demand IPSec VPN tunnels dynamically established multipoint-to-multipoint		
19	IPSEC based spoke-to-spoke VPN tunnels matching traffic		
	conditions		
	Router shall conform to UL 60950 or IEC 60950 or CSA 60950 or		
20	EN 60950 Standards for Safety requirements of Information		
	Technology Equipment.		
	Router shall conform to EN 55022 Class A/B or CISPR22 Class		
21	A/B or CE Class A/B or FCC Class A/B Standards for EMC		
	(Electro Magnetic Compatibility) requirements.		
	Router/Router's Operating System should be tested and		
22	certified for EAL 3/NDPP or above under Common Criteria		
	Certification		
23	Router should be IPv6 Certified/IPv6 logo ready		
40			

# **Minimum Technical Specification of L2 Switch**

Qty.	02 Nos.
Make	

	Model			
	Part No			
S/N	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)	Remarks
1	Switch should be 1RU with minimum 24 nos. 10/100/1000 Base-T ports with additional 2 nos. of 10G SFP+ uplinks ports.			
2	Switch should have internal power supply.			
3	Switch shall have minimum 88 Gbps of switching fabric and 70 Mpps of forwarding rate.			
4	Shall have minimum 250 active Vlans. Up to 16K MAC address			
5	1K multicast groups, static routes, DHCP options			
6	Should support IEEE Standards of Ethernet: IEEE 802.1D, 802.1s, 802.1w, 802.3az, 802.1x, 802.3ad, 802.3x, 802.1p, 802.1Q, 802.3, 802.3u, 802.3ab, 802.3z.			
7	Shall have 802.1p class of service, marking, classification, policing and shaping. Should support strict priority queuing. 8 hardware queues priority levels			
8	Switch should support management features like SNMPv2c, SNMPv3, NTP, RADIUS and TACACS+.			
9	Switch should support port security, DHCP snooping, Dynamic ARP inspection, IP Source guard, Spanning tree.			
10	IPv6 First Hop Security including RA guard, ND inspection & DHCPv6 guard. MLD v1/2 snooping			
11	Management via RMON, CLI & GUI			
12	Switch should have UL 60950, CSA, CE mark, IPv6 Gold Logo certified			

# **Minimum Technical Specification of Link Load Balancer**

	Qty.		01 No.	
	Make			
	Model			
	Part No			
S/N	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)	Remarks
A	Hardware			
1	Should be appliance based solution with high performance purpose built hardware.			
2	The appliance should have minimum 8 x gigabit copper ports			
3	The appliance should have 8 Gbps throughput from day 1			
4	The appliance should support 2M connections and 350K Connections per Second			
В	Load balancing Features			

	The appliance should support server load balancing algorithms	1	1
	i.e. round robin, weighted round robin, least connection,		
1	Persistent IP, Hash IP, Hash Cookie, consistent hash IP, shortest		
	response, proximity, snmp, SIP session ID, hash header etc.		
	Should support Outbound and inbound link load balancing		
2	algorithms like round robin, Weighted round robin, shortest		
	response, target proximity and dynamic detect.		
	should support one arm, reverse and transparent proxy mode		
3	deployment scenarios and should support nested layer7 and l4		
	policies.		
4	Should maintain server persistency based on source ip and		
<b>T</b>	destination ip, http header, url, cookie and SSL ID.		
5	The appliance should support multi port, scripted and custom		
	health check with content verification		
	Should provide application & server health checks for well		
6	known protocols i.e. ARP, ICMP, TCP, DNS, RADIUS,		
	HTTP/HTTPS, RTSP etc		
7	The appliance should have and/or relationship to check various		
	dependencies for the application delivery		
	should support layer4 and layer 7 load balancing for		
8	HTTP/HTTPS, FTP/FTPS, SIP, RTSP, RDP, TCP, TCPS and UDP		
	protocols Should support minimum 20 Servers		
9			
10	Should support graceful shut down of real services		
С	Clustering and failover		
	Should provide comprehensive and reliable support for high		
1	availability based on Per VIP based Active-active & active		
	standby unit redundancy mode.		
2	Statefull session failover with Connection mirroring support		
3	Appliance should not have any limitations for connection		
	mirroring		
4	Should support USB based FFO link to synchronize configuration		
-	at boot time of HA		
5	should have support for secondary communication link for		
	backup purpose		
	Support for multiple communication links for real-time		
6	configuration synchronizations including HA group, gateway health check, decision rules, SSF sessions etc And heartbeat		
	information		
	Should have support for secondary communication link for		
7	backup purpose		
	Should support floating IP address and group for statefull		
8	failover support. Appliance should have support 256 floating ip		
	address for a floating group		
	should support built in failover decision conditions including		
9	unit failover, group failover and reboot		
	should also have option to define customized rules for gateway		
10	health check - the administrator should able to define a rule to		
	inspect the status of the link between the unit and a gateway		
11	Configuration synchronization at boot time and during run time		
11	to keep consistence configuration on both units.		
12	The appliance should support software based site selection		
	feature to provide global load balancing features on same		

	appliance		
	The appliance should support global load balancing algorithms		
13	like global round robin (grr), VIP based weighted global round		
13	robin, global connection overflow, global least connections, IP		
	overflow, Proximity etc.,		
D	SSL acceleration Features		
1	Appliance should have minimum 8 Gbps of SSL throughput and		
1	should support 140K SSL Concurrent Connections		
2	The appliance should have 20k SSL TPS/CPS (2048 bit		
	encryption) and should support 14K ECC TPS		
3	The appliance should support Certificate format as "Open SSL/Apache, *.PEM", "MS IIS, *.PFX", and "Netscape, *.DB".		
	The appliance should have additional hardware card to perform		
4	the SSL offloading / acceleration for 1024 and 2048 bit		
	certificates.		
	The appliance should support use of password protect		
5	Certificate/Private Key backup/restore to/from local disk or		
	remote TFTP server, and through WebUI		
	The appliance should support Self generates CSR (Certificate		
6	Signing Request), self- signed Certificate and private key for		
	specified host.  The appliance should support customization for SSL Error		
7	pages.		
	The appliance should support HTTP to HTTPS location header		
8	rewrite for enhanced application delivery support		
	The appliance should have end to end ssl support to act as a SSL		
9	Server and/or as SSL Client		
10	Should support client certificate verification, certificate bases		
10	access control, CRL's (HTTP, FTP ,LDAP) and OSCP protocol		
E	Security and Application Acceleration		
1	Should provide performance optimization using TCP connection		
1	multiplexing, TCP buffering and IEEE 802.3ad link aggregation.		
	Should support TCP optimization options including windows		
2	scaling, timestamp & Selective Acknowledgement for enhanced		
	TCP transmission speed.		
3	TCP optimization option configuration should be defined on per virtual service basis not globally.		
	Appliance should provide real time Dynamic Web Content		
4	Compression to reduce server load.	 	
5	should provide selective compression for Text, HTML, XML,		
	DOC, Java Scripts, CSS, PDF, PPT, and XLS Mime types.		
	Should provide have provision to define policy to skip		
6	compression for selected trouble URL (RegEx, Web Objects) for		
	the specified Virtual. should provide Advanced high performance memory/packet		
7	based Web cache; fully integrated with HTTP/HTTPS		
	should provide support for customized cache rules including		
8	max object size, TTL objects, refresh time interval etc		
9	should provide detailed cache access statistics based on ip or		
٥	http hosts		
10	should support cache refresh with CLI, XML-RPC input		
	commands and "PURGE" request		

11	The appliance should support transparent, layer 7 proxy and triangular mode support		
12	The appliance should support L7 rule based application firewall to protect the internal applications within base license		
13	Should support allocation of 1 GB dedicated storage capacity in RAM for application acceleration feature		
14	Appliance should have security features like reverse proxy firewall, Syn-flood and dos attack protection features from the day of installation.		
F	Management		
1	The appliance should have extensive report like http squid or customized http logging with inbuilt tcpdump and log collecting functionality		
2	The appliance should have SSH CLI, Direct Console, GUI interface for configuration and reporting, SNMP, Single Console per Cluster, XML-RPC with inbuilt reporting.		
3	The appliance should be dual bootable to fall back to last working configuration		
4	The appliance should support alerting mechanism like mail, Syslog and snmp.		
G	Others		
1	Manufacturer should be among top 5 in IDC		
2	Manufacturer should have TAC centre in India with toll free number at least 5 years		

Authorized Signatory (Signature In full):
Name and title of Signatory:
• • • • • • • • • • • • • • • • • • • •
Stamp of the Company:

#### **SECTION - K**

### **DETAILS OF ORDERS EXECUTED BY BIDDER**

(Tender No. WTL/CT/NCI/18-19/006)

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):
Tame and title of Signatory:
tamp of the Company:

#### Note:

- A. Type of Project shall indicate the implementation of services (Delivery & Installation of Network Security Device).
- 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.

### **SECTION - L**

### FINANCIAL CAPABILITY OF BIDDER

(Tender No. WTL/CT/NCI/18-19/006)

### FINANCIAL INFORMATION

S1.	Name of the Bidder	Tui	Turnover (Rs. / Crores)			
No.	Name of the Bidder	2014-15	2015-16	2016-17		
1						

Authorized Signatory (Signature In full):	
Name and title of Signatory:	
Stamp of the Company:	
Note:	
Submit the audited financial statement/ audited annual report of the last three fina	ancial years.

# **SECTION - M**

# **BIDDERS'S DETAILS**

(Tender No. WTL/CT/NCI/18-19/006)

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> <li>a Government/ Public Sector Undertaking</li> </ul>	
	<ul><li>a propriety firm</li></ul>	
	<ul> <li>a partnership firm (if yes, give partnership deed)</li> </ul>	
	a limited company or limited corporation	
	a member of a group of companies, (if yes, give	
	<ul> <li>name and address and description of other</li> </ul>	
	companies)	
	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.	
8	Is the firm registered with Sales Tax department? If yes,	
O	submit valid GST Registration certificate.	
9	Total number of employees. Attach the organizational chart	
J	showing the structure of the organization.	
10	Are you registered with any Government/ Department/	
	Public Sector Undertaking (if yes, give details)	
11	How many years has your organization been in business	
	under your present name? What were your fields when you	
	established your organization	
12	What type best describes your firm? (Purchaser reserves	
	the right to verify the claims if necessary)	
	<ul><li>Manufacturer</li></ul>	
	<ul><li>Supplier</li></ul>	
	<ul> <li>System Integrator</li> </ul>	
	<ul> <li>Consultant</li> </ul>	
	<ul> <li>Service Provider (Pl. specify details)</li> </ul>	
	Software Development	
	■ Total Solution provider (Design, Supply ,	
	Integration, O&M)	
10	IT Company  Number of Offices in district head greaters in West Pengel	
13	Number of Offices in district head quarters in West Bengal	
14	Is your organization has ISO 9001:2008 certificates?	

	15	List the major clients with whom your organization has been					
		/ is currently associated.					
	16	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)					
	17	Have you ever been denied tendering facilities by any					
		Government / Department / Public sector Undertaking?					
		(Give details)					
I	Autl	norized Signatory (Signature In full):					
Name and title of Signatory:							
(	Cor	npany Rubber Stamp:					

### <u>SECTION - N</u>

# **MANUFACTURER'S AUTHORIZATION FORM**

Date:			
To Webel Technology limited Plot-5, Block-BP, Sector-V Salt Lake Kolkata-700 091			
Ref: Tender No.: WTL/CT/NCI/18-19/006 dated 05/06/2018			
WHEREAS and	who are having do	production	authorize
Products produced by us, for the Supply Requirements associate		er") to submit a	bid of the following
When resold by, these production warranty terms.	cts are subject to	our applicable	standard end user
We assure you that in the event of			
We also confirm thatis our hence provide maintenance and upgrade support for our productions.		provider/system	n integrator and can
We also confirm that the products quoted are on our current prepared from the day of this letter. We assure availability of spared warranty.			
We also confirm that the material will be delivered within 4-6 we	eeks from the date	of placement of c	onfirmed order.
Name In the capacity of			
Signed			
Duly authorized to sign the authorization for and on behalf of			
Dated on day of 2018			
Note: This letter of authority must be on the letterhead of the Ma	nufacturer and dul	y signed by an aı	ithorized signatory.

# **SECTION - O**

# **FORMAT FOR PRE-BID MEETING QUERY**

(Tender No. WTL/CT/NCI/18-19/006)

Name of the Bidder:						
Queries	Queries					
Sl. No.	No No No No		Queries			
<b>Note:</b> The filled form to be submitted in XLS & 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:						

### SECTION - P

# LIST OF CLIENTS OF SIMILAR ORDERS

(Tender No. WTL/CT/NCI/18-19/006)

Sl. No.	Name of the Client	Address	Contact Person	Designation	Contact Numbers

Authorized Signatory (Signature In full): _	
Name and title of Signatory:	
Company Rubber Stamp:	

### **SECTION - Q**

### 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 LIMTED, 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 ofRupees) 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.
(8) Notwithstanding anything contained herein above, our liability under this guarantee is restricted to Rs.
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
WITNESS  1)  (Name & address in full with Rubber Stamp)

#### 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.

#### **SECTION - R**

#### **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.

Thanking you, we remain

Sub: Delivery & Installation for upgradation of existing network core infrastructure, augmentation of additional equipment's of existing network infrastructure and integration of existing network infrastructure with buy back of existing network component's of the Directorate of Commercial Taxes, GoWB.

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/CT/NCI/18-19/006 dated 05.06.18 for delivery & Installation for upgradation of existing network core infrastructure, augmentation of additional equipment's of existing network infrastructure and integration of existing network infrastructure with buy back of existing network component's of the Directorate of Commercial Taxes, GoWB 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.

•
Yours faithfully
Signature
Name in full
Company Stamp
Dated, thisday of2018