

# WEBEL TECHNOLOGY LIMITED

## NOTICE INVITING e-TENDER

Online Tender documents are invited for implementation of the new campus LAN Setup of Kolkata Police Implementation from reputed System Integrators having sufficient experience and credentials for successful completion of “**Similar Nature**” of work in a Government Department/PSU/Autonomous Body.WTL has been chosen as the execution authority.

1.	Tender No. & Date	WTL/KP/LAN/15-16/008 dated 01.12.2015.
2.	Tender Version	1.0
3.	Brief description of material	Supply & Commissioning of LAN Connectivity for Kolkata Police
4.	Tender Fee	Rs.6,000.00 (Rupees Six thousand only) in the form of Demand Draft from any Scheduled bank in favour of Webel Technology Limited payable at Kolkata
5.	Earnest Money Deposit	Rs.200000.00 (Rupees two lakhs only) in the form of Demand Draft from any Scheduled bank in favour of Webel Technology Limited payable at Kolkata
6.	Date of Downloading / Sale of the Tender Document	01.12.2015. Websites - <a href="http://www.wtl.co.in">www.wtl.co.in</a> , & <a href="https://wbtenders.gov.in">https://wbtenders.gov.in</a>
7.	Date and Time for submission of Pre-Bid Queries	07.12.2015 at 16.00 hrs The queries shall be submitted in the format as provided in off line (Section – I). Queries will be sent to Mr. Arunava Saha, Manager (Purchase) (wtlpurchase@gmail.com) & copy to Mr. S. Das Sarma, Sr. Executive (sanjoy.dassarma@wtl.co.in) / Mr. S. Pal, Project Engineer ( <a href="mailto:suvhankar.pal@wtl.co.in">suvhankar.pal@wtl.co.in</a> ) Each Bidder shall send only one e-mail containing the Pre-Bid Queries, as per format. In case of more than one e-mail, only the queries provided in the first e- mail shall be considered.
8.	Date & time of Pre-Bid Meeting	09.12.2015 at 15.00 hrs <ul style="list-style-type: none"><li>• Only two persons for each intending bidder’s organization will be allowed to attend the Pre Bid Meeting.</li><li>• The person should have proper authorization in respective company Letter Head.</li><li>• Bidders who will submit the Tender document fee before the Pre Bid Meeting will be allowed to attend the meeting.</li></ul>
9.	Bid Submission Start date & time	14.12.2015 at 11.00.hrs.
10.	Last date & time of EMD & Tender Fee submission	28.12.2015 at 13.30.hrs.
11.	Last date & time of Bid Submission	26.12.2015 at 17.00.hrs.
12.	Date & time of Technical Bid opening	28.12.2015 at 14.00.hrs.
13.	Venue of Pre-Bid Meeting & Submission EMD & Tender document Fee	WEBEL TECHNOLOGY LIMITED (A Govt. of West Bengal Undertaking) Plot – 5, Block – BP, Sector – V, Salt Lake City, Kolkata – 700091.
14.	Contact Persons	Mr. Arunava Saha – 23673403-06 (Extn – 212) Mr. S. Das Sarma – 23673403-06 (Extn – 209) Mr. S Pal – 23673403-06 (Extn – 225)

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1. This is an e-Tender. 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 fees) 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-filing. 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-filing. The original Demand Draft against Tender Fee & 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 13:30 Hrs of 28.12.2015.
2. Both Techno Commercial Bid and Financial Bid are to be submitted concurrently duly digitally signed in the website <https://wbtenders.gov.in>
3. Tender documents may be downloaded from website and submission of Techno Commercial Bid and Financial Bid will be done as per Time Schedule stated in Section – C of this Tender Document.
4. The Financial Bid of the prospective Bidder will be considered only if the Techno Commercial Bid of the bidder is found qualified by the Tender Committee. The decision of the "Tender Committee" will be final and absolute in this respect. The list of Qualified Bidders will be displayed in the website.

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## **CONTENTS OF THE TENDER DOCUMENT**

The Tender document comprises of the following:

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SECTION – O	DETAILED TECHNICAL SPECIFICATION
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## **SECTION – A**

### **INTRODUCTION&OBJECTIVEOFTHEPROJECT**

#### **INTRODUCTION**

The history of the present structure of policing in Kolkata goes back to the colonial times, when the city was known as "**Calcutta**", and was a fledging settlement of the British East India Company. Kolkata (Calcutta). Since then till date KP has been functioning as country's one of the finest Law enforcement agency. Kolkata Police revolves around the following major missions

- Upholding dignity of the citizens.
- Upholding personal and institutional integrity.
- Enforce the rule of law impartially and honestly so that we provide a secure environment to all sections of society, especially, the vulnerable and under privileged, including women, children, senior citizens and minorities and maintain ethnic harmony keeping in mind the democratic and secular ideals of our constitution.
- Upgrade professional skills and human resources in general, to enable us to prevent crime and maintain public order.

In order to attain and continually remain updated, technological aids are a "must have" for KP. Communication and ready availability of information across the wings of KP is one of the most primary requirement. For taking giant strides in that direction KP envisages to managed campus network.

Webel Technology Ltd. has been approached by the Kolkata Police (KP) for setting up of a managed network in their Lalbazar campus. Webel Technology Ltd. will act as the procurement processing & execution authority for the project on behalf of KP.

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

The network to be installed and commissioned will have to be a managed one with best quality Active & Passive Components. The major factors that have been considered

- Minimizing Broadcasting and hence gaining higher throughput
- Stacking Facility for higher bandwidth of operation
- Creation of LAN segments within the campus.

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## SECTION – B

### BILL OF MATERIAL

The Bidder has to setup a managed network for KP within the Lalbazar campus at 18,Lalbazar Street, Kolkata - 700001.

**Scope includes Supply, Installation and support services post commissioning of the following items and assigning of 1(one) dedicated support personnel at Lalbazar.**

**Preferred Brand for Switch : CISCO/HP NETWORKING**

**Preferred Brand for Firewall : Checkpoint**

**Preferred Brand for Passive Materials : Tyco/AMP/Systemax/Molex/Legrand**

**Location – Lalbazar Campus , Kolkata Police H.Q.**

Networking Equipments for Police HQ at Lalbazar		
Active Part		
1	<b>Core Switch:</b> 1. 48 x 10/100/1000BaseT Ports 2. 4 x SFP+ 10GE Ports loaded with SR transceivers 3. Dedicated Stacking Port with 460 Gbps stack throughput	2 Nos.
2	<b>Distribution Switch:</b> 1. 24 x 10/100/1000BaseT Ports 2. 2 x SFP+ 10GE Ports loaded with SR transceivers 3. Support for dedicated stacking port with 80 Gbps stack throughput for future requirement	4 Nos.
3	<b>Access Switch:</b> 1. 24 x 10/100/1000BaseT Ports 2. 4 x SFP GE Ports 3. Support for dedicated stacking port with 80 Gbps stack throughput for future requirement	45 Nos.
4	Firewall with IPS and VPN functionality	1 No.
5	Network Management System (HW & SW)	1 No.
6	SR Type 10GE Fiber Optic Transceivers	12 Nos.
Passive Part		
7	24 Port Loaded Jack Panel	49 Nos.
8	48 Port Loaded Jack Panel	2 Nos.
9	Cable Manager	23 Nos.
10	24 Port fully loaded LIU	5 Nos.
11	SC- LC Multimode OM3 FO Patch cord (2 Mtrs.)	16 Nos.
12	Multimode OM3 Fibre Optic Cable	1800 Mtrs.
13	6 U wall Mount Rack	14 Nos.
14	9 U wall Mount Rack	14 nos.
15	CAT 6 A UTP Cable	12500 Mtrs.
16	UPS 700 VA	28 Nos.
17	UPS 1 KVA	1 No.
18	1 Mtr. UTP Patch Cord	1400 Nos.
19	RJ 45 Connectors	200 Nos.
20	CAT 6A IO boxes (Face plate, back box, I/O)	500 Nos.
Bill of Job - Service		
21	Dedicated Technical Support Personnel with necessary qualification in network administration (CCNA and likewise) and for field work e.g. laying/crimping/testing network devices is to be assigned to Kolkata Police from 10.00 hrs. to 19.00 hrs. at Lalbazar campus during the warranty support period	1 No.
22	Laying Charge of CAT 6A UTP cable through conduit	12000 Mtrs.
23	I/O termination charge	500 nos.
24	Rack mounting charge	28 nos.
25	Configuration and commissioning	1 job

Heterogeneous mix of materials can be offered but seamless integration between the other devices will be in the responsibility part of the bidder.

Quantity mentioned are indications only, may go in for 10% upward or downward fluctuation.

Installation Completion Time: within 10 weeks of issuance of order by WTL.

OEM should have 24x7 toll free helpdesk for after sales support

The Bidder should also take over the maintenance of the total network (the new implemented one + the portion whose wires have been already laid through CAT6)

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## SECTION - C

### DATE AND TIME SCHEDULE

<b>Sl. No.</b>	<b>Particulars</b>	<b>Date &amp; Time</b>
1	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	01.12.2015 at 00.00 hrs
2	Documents download/sale start date (Online)	01.12.2015 at 00.00 hrs
3	Last Date and time of sending the queries (Offline)	07.12.2015 at 16.00 hrs
4	Pre Bid Meeting at WTL Office (Off Line)	09.12.2015 at 15.00 hrs
5	Corrigendum, if any will be published (On Line)	-
6	Bid Submission start date & time (On line)	14.12.2015 at 11.00 hrs
7	Last Date & time of submission of original Demand Draft/Pay Order for cost of Earnest Money Deposit (Off line)	28.12.2015 at 13.30 hrs
8	Last Date & time of submission of original Demand Draft/Pay Order for cost of Tender Documents, in case the bidder did not attend the Pre Bid Meeting (Off	28.12.2015 at 13.30 hrs
9	Bid Submission closing date & time (On line)	26.12.2015 at 17.00 hrs
10	Bid opening date & time for Technical Proposals (Online)	28.12.2015 at 14.00 hrs
11	Date of uploading the final list of Technically Qualified Bidder (online) after disposal of appeals, if any	-
12	Date for opening of Financial Bid (Online)	-

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## SECTION - D

### ELIGIBILITY CRITERIA

#### **Part A: EXISTENCE OF THE BIDDER**

1. The bidder must be a company registered under the Companies Act, 1956/2013 or a Partnership or a Proprietary Firm. Documentary (Certificate of incorporation/Relevant document) evidence to be submitted.
2. The bidder must have an own office in Kolkata with valid statutory registration. Valid statutory registration document to be submitted.
3. The bidder should have valid VAT/CST Registration Certificate, Service Tax Registration Certificate & Trade License. Copy of the documents to be submitted.

#### **Part B: TECHNICAL QUALIFICATION CRITERIA**

1. Bidder must submit the completion report of at least three Projects of Networking setup involving Active & Passive Components, i.e., covering Data of minimum value of Rs.30.00 lakhs each project for any Central / State Government / PSU Organisation / Private Sector in India in the last three financial years (FY- 2012-13, 2013-14 & 2014-15). Self Attested Photocopy of Work Orders to be submitted along with completion certificate from concerned authority.
2. The bidder should have an annual turnover of not less than Rs 2.00 Crores each in the last three financial years (FY- 2012-13, 2013-14 & 2014-15). Bidder shall have to submit Audited Accounts / Auditor Certificate in support of their claim.
3. Bidder should submit Earnest Money Deposit (EMD) of Rs. 200000.00 (Rupees Two lakhs) only in the form of Demand Draft from any Scheduled Bank in favour of Webel Technology Limited payable at Kolkata.
4. Bidder should submit Tender Fee of Rs. 6,000.00 (Rupees Six Thousand) only in the form of Demand Draft from any Scheduled Bank in favour of Webel Technology Limited payable at Kolkata.
5. Bidder should possess ISO 9001:2008 certificate pertaining to Network Segment. Copy of the valid certificate to be submitted.
6. Bidder should have his own call centre (number to be specified). OEM Call Centre number will not be treated as bidder's call centre number. Call center details to be submitted duly stamped & signed.
7. OEM Qualification Criteria
  - a. For active component:
    - i. The OEM should have their spare depot in Kolkata. Address Proof of the same to be submitted.
    - ii. All the LAN devices like Core, Distribution and Access Switch should be IPv6 Ready Logo Certified to comply with the Govt of India IPv6 Roadmap. Supporting documents to be submitted.
    - iii. Tender Specific Manufacturer's Authorization for products quoted to be submitted as per format.
    - iv. OEM should have presence in India for last 10 years and should be profitable for last 3 financial years. Supporting documents to be submitted.
    - v. OEM for LAN products should be in the Leaders Quadrant of the report published by latest Gartner report. Copy of the report to be submitted.
  - b. For passive component:
    - i. OEM should have direct presence in India more than at-least 15 years. Supporting documents to be submitted.
    - ii. All passive components should be RoHS (Restriction of Certain Hazardous Substance) complied. Declaration - RoHS Compliant should clearly be mentioned on datasheets (Section - O) of each passive component (Copper & Fiber). Supporting documents to be submitted.
    - iii. OEM should have members participating in Telecommunications Industry Association Committee with presence in all of the Telecommunication subcommittees of the following:
      - a. TIA TR-42.1 Subcommittee on Commercial Building Telecommunications Cabling
      - b. TIA TR-42.7 Telecommunication Copper Cabling Systems
      - c. TIA TR-42.12 Subcommittee on Optical Fibers and CablesSupporting documents to be submitted.
    - iv. OEM should be a member of Telecommunications Industry Association (TIA) Information and Communications Technology (ICT) Companies ICT Green Initiative to support energy efficient environment. Supporting documents to be submitted.

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8. Detailed Technical Specification (Section – O) has to be complied in all respect. Brochures with the page number against each compliances to be submitted as per format (Section – O).
9. The details of Make, Model & Part number (Section – N) to be submitted as per format.
10. The bidder shall submit a certificate from any of the authorized signatory of the company authorizing a person to sign all relevant papers related to this bid on behalf of the company.
11. 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.
12. The bidder shall submit Bid Form (Section – G) duly signed by the authorized signatory of the company as per the format enclosed. Deviation in format may not be accepted.



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## SECTION – E

### INSTRUCTIONSTOBIDDER

#### 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 to whom WTL will place the PO/WO

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

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

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

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

**“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 KP of and eventually Gov. of W. Bengal of the benefits of free and open competition.

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

**“Government” / “Gov. of W. Bengal”** means the Government of West Bengal. **“GoI”** shall stand for the Government of India.

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

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

**“Project”** Supply & Commissioning of LAN Connectivity for KP

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

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

**“Similar Nature”** includes Networking Project including Active & Passive Components

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

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

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

**“Requirements”** shall mean and include schedules, details, description, statement of technical data, performance

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characteristics, standards (Indian as well as International) as applicable and specified in the Contract.

“**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.

“**KP**” means Kolkata Police

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

## 2. PRE BID MEETING

Pre Bid Meeting will be held on 09.12.2015 at 15.00 hrs at premises of WTL. Bidder can send their queries as per format (Section - I) to Mr. Arunava Saha, Manager (Purchase) & copy to Mr. S. Das Sarma, Sr. Executive & Mr. S. Pal, Project Engineer. 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 who will submit Tender Fee before the Pre Bid Meeting 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 being summarily rejected.

## 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

The bidder may modify or withdraw its bid after submission, if written notice of the modification or withdrawal is received by WTL before the deadline prescribed for bid submission. The bidder's modification shall be prepared, sealed, marked and dispatched as follows:

- The bidders shall provide in original of any modification to its bid, clearly identified as such, in separate envelope duly marked Bid Modification. The envelope shall be duly marked Bid Modifications.
- Other provisions concerning the marking and dispatch of bid modification shall be in accordance with the bid.
- A bidder wishing to with draw its bid shall notify WTL in writing prior to the deadline prescribed for the bid submission. A withdrawal notice may be sent by post or the telefax followed by post confirmation post marked not later than the deadline for submission of bids. The notice of withdrawal shall be addressed to WTL at the address as mentioned/stated in the documents, bear the tender reference number and the words Bid Withdrawal Notice.
- Bid Withdrawal Notice received after the bid submission deadline will be ignored and the submitted bid will be deemed to be a validity submitted bid. No bid may be withdrawn in the interval between the bid submission deadline and the expiration of the bid validity period specified in the RFP. Withdrawal of the bid during this interval may result in the bidder's forfeiture of its EMD, pursuant to this RFP.

## 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,

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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 has to be taken care of by the contractor to maintain the guaranteed uptime.

## 9. EARNEST MONEY DEPOSIT (EMD)

The firm shall furnish an EMD of Rs.200000/- (Rupees Two lakh 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 and 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/Order the contractor should submit a Performance Bank Guarantee (PBG) equivalent to 10% of the total contract value within two weeks from the date of receipt of Letter of Award/Order. The PBG should be valid for six months more than the service period. All delivery will have to be completed as per the time schedule from the date of acceptance of contract and the contractor has to ensure all activities leading to the work of the contract to be completed as stipulated from the date of award. Subsequent to the award of contract, the contractor will have to arrange for the requisite work as per scope.

## 14. TIME SCHEDULE FOR SCOPE OF WORK & RESPONSIBILITY

Scope of Work defined in Section – B. Installation Completion Time: Within 10 weeks from the date of issuance of LOI / order from WTL.

## 15. LIQUIDATED DAMAGE / PENALTY

The job includes the deliverables 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 Stage, for each week or part thereof, subject to a ceiling of 10% of the total contract value (including all taxes & duties and other charges). In the event of LD exceeds 10% of the order value, WTL reserves the right to terminate the contract and WTL will get the job completed by any other competent party. The difference of cost incurred by WTL will be recovered from the contractor and PBG will be invoked.

## 16. SUSPENSION OF WORK

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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.

## 17. 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., Commissioner of Police, Government of West Bengal. The mode of payments to be made in consideration of the work to be performed by the bidder shall be as follows:

- 50% on Supply of Equipment (Active & Passive Components) as per Work Order & implementation plan.
- 40% on Acceptance testing (issue of completion certificate) and "Go Live".
- 10% after One year of "Go Live", i.e., installation & commissioning of Project as per Work Order.

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

## 18. 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.

## 19. 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 (whichever is lesser) and for materials the amount paid by WTL for the materials. These will be Contractor's entire obligation regarding any claim of infringement.

## 20. 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.

## 21. CORRUPT OR FRAUDULENT PRATICES

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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.

## 22. BINDING CLAUSE

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

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

## 23. 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.

## 24. 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.

## 25. SAFETY MEASURES

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

## 26. 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.

## 27. SUB-CONTRACT

The purchaser (WTL) does not recognize the existence of Sub-Contractors. The Contractor's responsibility is not transferable.

## 28. 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.

## 29. BANKRUPTCY

If the contractor becomes bankrupt or have a receiving order made against him or compound with his creditors or being

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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.

## 30. FORCE MAJEURE

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

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

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

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

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

- Constitute a default or breach of the contract.
- Give rise to any claim from 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.

## 31. 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.

## 32. WARRANTY

The successful bidder will warranty that items (hardware & software) supplied under the contract are newly made and are free from defects in the design, engineering and workmanship. The successful bidder will be responsible for the up keep and maintenance of the infrastructure and necessary deliverables under the scope of work during the entire warranty period. The successful bidder must furnish warranty for all items (hardware & software) supplied for a period of 60 months (5 years) from the date of successful commissioning of overall configuration as certified by Kolkata Police (Completion Certificate). Service support for the entire warranty period will be on site and comprehensive (including spares) and free of cost for the entire warranty period.

## 33. WARRANTY SUPPORT

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

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

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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 the Lalbazar Campus	99.0%	4 Hours	8 Hours

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

One dedicated Technical Support Personnel with necessary qualification in network administration (CCNA and likewise) and for field work e.g. laying/crimping/testing network devices is to be assigned to Kolkata Police from 10.00 hrs. to 19.00 hrs. at Lalbazar campus.

## 34. PERFORMANCE BANK GUARANTEE (PBG)

As a guarantee for timely delivery, installation and commissioning of equipment / completion of job as per the scope as well as performance of on-site warranty support 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/scheduled bank valid for 90 days beyond the warranty period. PBG to be submitted within 15 days from the date of issuance of order as per format enclosed (Section – M).

## 35. CONTRACTOR'S RESPONSIBILITIES

The contractor shall conduct all contracted activities with due care and diligence, in accordance with the contract and with the skill and care expected of a competent provider of Infrastructure Solution facility creator, subsystems and other related services or in accordance with best industry practices.

The contractor confirms that it has entered into this contract on the basis of a proper examination of the data relating to the facility provided by WTL and on the basis of information that the contractor could have obtained from a visual inspection of the site. The contractor acknowledges that any failure to acquaint itself with all such data and information shall not relieve its responsibility for properly estimating the difficulty or cost of successfully performing the contract.

The contractor shall be responsible for on site delivery, timely provision of all resources, information and decision making under its control that are necessary to reach a mutually agreed and finalized project within the time schedule. The contractor shall acquire in its name all permits, approvals and/or licenses from all local, state or national government authorities or public service undertakings that are necessary for the performance of the contract.

The contractor shall comply with all relevant laws in force in India. In particular, the contractors shall provide and employ only such personnel who are skilled and experienced in their respective callings and supervisory staff who are competent to adequately supervise the work at hand.

The contractor assumes primary responsibility for all the testing for the Infrastructure Solution, in accordance with relevant provision of this tender.

To achieve the above deliverables the contractor on receipt would:

- Designated a single point of contact within seven days from the award of contract
- Submit detailed Implementation Plan. This should also indicate expected dates of the events
- Submit a mutually approved Acceptance Test Procedure in consultation with WTL
- Offering of equipment for pre-delivery inspection
- Delivery of equipment
- Installation and commissioning
- Set up central monitoring facility
- Final Acceptance of deployed systems

## 36. PURCHASER'S RESPONSIBILITIES

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

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

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

## 37. NO WAIVER OF RIGHTS

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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 Service Tax. However the rate of taxes should be indicated separately in the Price Bid.
- For the purpose of the Contract, it is agreed that Contract Price specified in Price Bid, is based on the taxes & duties and charges prevailing at the date one day prior to the last date of Bid submission date.
- Deduction of all statutory and necessary Tax from each bill will be made as per Government Order prevailing at the time of payment. Necessary tax deduction certificate will be issued on demand by the Company.
- Bidder submitting a tender shall produce up to date VAT, Income Tax and Profession Taxes Certificate in the standard form from the Tax Authority or a Certificate that the assessment is under consideration. All such clearance certificates shall remain valid on the last date of permission.
- In case of CST billing WTL will provide "Waybill" and "C Form". Entry Tax will be borne by 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 on-line tender shall be 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 after the deadline for submission of proposals shall 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.



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## 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 all charges (Boarding, Lodging, Travelling, etc).

## 50. CANVASSING

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

## 51. NON-TRANSFERABILITY OF TENDER

This tender document is not transferable.

## 52. FORMATS AND SIGNING OF BID

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

## 53. WITHDRAWAL OF BID

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

## 54. INTERPRETATION OF DOCUMENTS

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

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

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

## 56. PREPARATION OF TENDER

Tender shall be submitted in accordance with the following instructions:

- a) Tenders shall be submitted in the prescribed forms. Digital signatures shall be used. Where there is conflict between the words and the figures, the words shall govern.
- b) All notations must be in ink or type written. No erasing or overwriting will be permitted. Mistakes may be crossed out and corrections typed or written with ink adjacent thereto and must be initialed in ink by the person or persons signing the tender.
- c) Tenders shall not contain any recapitulation of the work to be done. Alternative proposals will not be considered unless called for. No written, oral, telegraphic or telephonic proposals for modifications will be acceptable.
- d) Tenders shall be uploaded as notified on or before the date and time set for the opening of tenders in the Notice Inviting Tenders.

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- e) Tenders subject to any conditions or stipulations imposed by the bidder are liable to be rejected.
- f) Each and every page of the tender document must be signed with company seal by the bidder.
- g) Any bidder may withdraw his tender by written request at any time prior to the scheduled closing time for receipt of tenders and not thereafter.

## 57. CLARIFICATION OF BIDS

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

## 58. COMPLIANCE WITH LAW

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

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

## 59. ERASURES OR ALTERNATIONS

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

## 60. QUALITY CONTROL

- The contractor is obliged to work closely with WTL and/or Department, 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 Department 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 department 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/KP.
- 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.

## 61. DEEMED ACCEPTANCE

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

## 62. TRAINING

- Installation & customization phase, experts from bidder will be provided first-hand technical and integration of components knowledge to group of personnel of Kolkata Police.
- In the post-installation (during the period after installation to commissioning) experts from the bidder will provide necessary customization of the systems and provide training with hands-on activities on operation to individual group of personnel of Kolkata Police.
- The training kit will include hard-copy hand-out, soft-copy audio-visuals aids and operational and maintenance manuals, and 2-way feed-back reports, i.e., trainer should conduct test on technical and hands-on test with evaluation recorded, and the trainees should fill-in format on quality of training both technical and hands-on. All formats, dates and durations, material coverage will be jointly decided by Kolkata Police and the successful bidder.

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- Minimum two experts should take-up the responsibility of the training. The number of personnel may be higher as deemed fit by the bidder. Persons should have basic engineering degree (BE/B-Tech) or equivalent qualification with minimum of five years of experience in the respective field for development / integration / maintenance.

## 63. DOCUMENTATION

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

## 64. BLACKLISTING OF BIDDER

At the stage of competitive bidding:

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

At the stage of contract implementation:

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

## 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 KP & WTL reserves the full right to take action as may be deemed fit including rejection of the offer and such case is to be kept recorded for any future dealing with them.
- c) No Technical/Commercial clarification will be entertained after opening of the tender.
- d) Overwriting and erasures may make the tender liable for rejection if each of such overwriting/erasures/manuscript is not only signed by the authorized signatory of the bidder. All overwriting should be separately written and signed by the authorized signatory of the bidder.
- e) Quantity mentioned in the tender document is indicative only and orders shall be placed subject to actual requirement. WTL reserve the right to increase or decrease the quantity specified in the tender.
- f) WTL reserve the right to reject or accept or withdraw the tender in full or part as the case may be without assigning the reasons thereof. No dispute of any kind can be raised the right of buyer in any court of law or elsewhere.
- g) 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.
- h) 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.
- i) No dispute by the bidders in regard to Technical/Commercial points will be entertained by WTL and decision taken by the Tender Committee will be final.
- j) Discrepancy in the amount quoted by the bidder due to calculation mistake, the unit rate shall be regarded as firm and the totaling or carry in the amount quoted by the bidder shall be corrected accordingly.
- k) The price offers shall remain firm within the currency of contract and no escalation of price will be allowed.
- l) The acceptance of the tender will rest with the accepting authority who is not bound to accept the lowest or any

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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 price offers shall remain firm within the currency of contract and no escalation of price will be allowed.
- n) The customer/WTL at its discretion may extend the deadline for the submission of Bids.
- o) 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.
- p) The bidder must be present at the time of opening of the Tender. We are not answerable for any queries of any bidder who remain absent at that time.

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## SECTION – F

### TECHNO COMMERCIAL EVALUATION & AWARDING OF CONTRACT

#### 1. EVALUATION PROCEDURE

- The Eligibility Criteria (Section - D) 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 – O). Deviation in specification shall not be allowed. Bidder qualified in Technical Specification shall be considered for further evaluation.
- The Tender Committee would evaluate the Techno Commercial Evaluation. In order to facilitate the evaluation, the marking scheme presented is an indication of the relative importance of the evaluation. Bidders securing a minimum of 70% marks in the Techno Commercial Evaluation will only be considered for next step.
- After qualifying in Techno Commercial Evaluation, qualified bidders will only be considered for Price Bid evaluation.

#### 2. EVALUATION CRITERIA

##### Techno Commercial Evaluation

The evaluation methodology would take into consideration both the Techno Commercial responsiveness as well as the financial response. During the evaluation process, the evaluation committee will assign each desirable/preferred feature a whole number score for the Techno Commercial Bid as defined in the table below:

Description	Max Score	Details	Break Up
<b>A. Organization Capacity</b>			
Proof of Job carried out	40	Bidder must submit the completion report of at least three Projects of Networking setup involving Active & Passive Components, i.e., covering Data of minimum value of Rs.30.00 lakhs each project for any Central / State Government / PSU Organisation / Private Sector in India in the last three financial years (FY- 2012-13, 2013-14 & 2014-15).	20
		Further bidder must submit the completion report of maximum four Projects of Networking setup involving Active & Passive Components, i.e., covering Data of minimum value of Rs.5 lakhs each project for any Central / State Government / PSU Organisation / Private Sector in India in the last five financial years (FY- 2010-2011, 2011-2012, 2012-13, 2013-14 & 2014-15). For each project bidder will get ten (5) marks	20
<b>B. Financial Profile</b>			
The bidder should have total annual turnover of in the last three financial years (FY – 2012-13, 2013-14 & 2014-15).	25	Total cumulative turnover for last three FY (FY – 2012-13, 2013-14 & 2014-15) 6 Crore and above but less than 16 Crore	15
		Total cumulative turnover for last three FY (FY – 2012-13, 2013-14 & 2014-15) 16 Crore and above but less than 24 Crore	20
		Total cumulative turnover for last three FY (FY – 2012-13, 2013-14 & 2014-15) 24 Crore and above.	25
<b>C. Customer Feedback</b>			
Satisfactory Service Feed Back by Customer. For each customer feedback report bidder will get two (2) marks	14	Customer feedback by 3 Clients / different orders	6
		Customer feedback by 5 Clients / different orders	10
		Customer feedback by 7 Clients / different orders	14
<b>D. Manpower</b>			
Graduate Engineer (BE or B Tech) with special certification on the Networking Segment, specifically L3 devices/ Routers (Certification from OEM). For each Graduate Engineer bidder will get three (3) marks	14	3 nos. of Graduate Engineers	6
		5 nos. of Graduate Engineers	10
		7 nos. of Graduate Engineers	14
<b>E. Payment Certificate</b>			
Payment Certificate for the projects shown in above Organisation Capacity	7	3 nos. of Certificate	3
		5 nos. of Certificate	5
		7 nos. of Certificate	7

# WEBEL TECHNOLOGY LIMITED

### 3. FINAL EVALUATION

Final evaluation will be done among the short listed bidders in accordance with Quality & Cost and will involve both Technical & Financial Evaluation with the following weight-age.

A	Technical Evaluation	70%
B	Financial Evaluation	30%

An Evaluated Bid Score (B) will be calculated for each responsive bid using the following formula which permits a comprehensive assessment of the bid price and technical merits of each bid.

$$S = \frac{CL}{C} \times 0.3 + \frac{T}{TH} \times 0.7$$

Where

- S - Evaluated Bid Score
- C - Evaluated Bid Price of bidder
- CL - Lowest Evaluated Bid Price among bidders
- T - Technical Score awarded to bidder
- TH - Highest Technical Score among bidders

The bid with the highest Evaluated Bid Score (S) among the responsive bids shall be termed as the Lowest Evaluated Bid (L1).

### 4. AWARDING OF CONTRACT

An affirmative Post Qualification determination will be prerequisite for award of the contract to the L1 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 and so on for accepting the contract at L1 bid value. The successful bidder (s) will have to give security deposit in the form of Performance Bank Guarantee.

### 5. POST QUALIFICATION

The determination will evaluate the Bidder's financial, technical 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.

**WEBEL TECHNOLOGY LIMITED**

**SECTION – G**

**BID FORM**

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

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

**Sub: Supply & Commissioning of LAN Connectivity within Lalbazar Campus for KP**

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/KP/LAN/15-16/008 dated 01.12.2015 do hereby propose to execute the job as per specification as set forth in your Bid documents.
2. The prices of all items stated in the bid are firm during the entire period of job irrespective of date of completion and not subject to any price adjusted as per in line with the bidding documents. All prices and other terms & conditions of this proposal are valid for a period of 180 (one hundred eighty) days from the date of opening of bid. We further declare that prices stated in our proposal are in accordance with your bidding.
3. We confirm that our bid prices include all other taxes and duties and levies applicable on bought out components, materials, equipments and other items and confirm that any such taxes, duties and levies additionally payable shall be to our account.
4. Earnest Money Deposit: We have enclosed EMD in the form of Demand draft for a sum of Rs.2,00,000/- (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 Price Bid.
8. We agree that WTL reserves the right to accept in full/part or reject any or all the bids received or split order within successful bidders without any explanation to bidders and his decision on the subject will be final and binding on Bidder.

Dated, this .....day of .....2015

.....  
Signature

.....  
Name in full

.....  
Designation

.....  
Signature & Authorized Verified by

.....  
Name & Designation

.....  
Full Signature & Stamp

# WEBEL TECHNOLOGY LIMITED

## SECTION – H

### GUIDANCE FOR E-TENDERING

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

1. **Registration of Bidder:**

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

2. **Digital Signature Certificate (DSC):**

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

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

4. **Participation in more than one work:**

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

5. **Submission of Tenders:**

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

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

**Techno Commercial Cover:**

**Technical Document1**

1. Copy of Demand Draft of Earnest Money Deposit (EMD)
2. Copy of Demand Draft of Tender Fee
3. Bid Form as per format (Section – G)

**Technical Document2**

1. Copy of N I T duly stamped & signed
2. Declaration of Eligibility Criteria, Section - R

**Technical Compliance**

1. Detailed Technical Specification, Section – O
2. Make, Model & Part Number, Section – N
3. Manufacturer Authrisation/OEM Declaration, Section – P/Q

**Financial Cover:**

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

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

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

S1. No.	Category Name	Sub Category Name	Sub Category Description
A	CERTIFICATES	A1. CERTIFICATES	<ul style="list-style-type: none"><li>• VAT/CST Registration Certificate</li><li>• Service Tax Registration Certificate,</li><li>• Trade License</li></ul>



## WEBEL TECHNOLOGY LIMITED

B	COMPANY DETAILS	B1. COMPANY DETAILS 1	<ul style="list-style-type: none"> <li>• Document as per Clause – 1 of Part A of Section – D</li> <li>• Document as per Clause - 2 of Part A of Section – D</li> <li>• Declaration as per Clause no. 8 of Section – C</li> </ul>
		B2. COMPANY DETAILS 2	<ul style="list-style-type: none"> <li>• Order copies &amp; Completion Certificates as per Clause - 1 of Part B of Section – D</li> <li>• Order copies as per evaluation criteria (Section – F)</li> </ul>
C	CREDENTIAL	CREDENTIAL 1	<ul style="list-style-type: none"> <li>• Document as per Clause – 5 of Part B of Section – D</li> <li>• Call Center details as per Clause - 6 of Part B of Section – D</li> <li>• Declaration as per Clause no. 11 of Section – D</li> </ul>
		CREDENTIAL 2	<ul style="list-style-type: none"> <li>• Payment Certificate as per evaluation criteria (Section – F)</li> <li>• Customer Feedback as per evaluation criteria (Section – F)</li> </ul>
D	DECLARATION	DECLARATION 1	Supporting Documents as per Clause – 7 (a), Part B of Section – D
		DECLARATION 2	<ul style="list-style-type: none"> <li>• Technical Capability of the Bidder as per format (Section – I)</li> <li>• Financial Capability of Bidder as per format (Section – J)</li> </ul>
		DECLARATION 3	<ul style="list-style-type: none"> <li>• Bidder's Details as per format (Section – K)</li> <li>• Document as per Clause – 10 Part B of Section – D</li> </ul>
		DECLARATION 4	Supporting Documents as per Clause – 7 (b), Part B of Section – D
		DECLARATION 5	<ul style="list-style-type: none"> <li>• Document of Manpower as per evaluation criteria (Section – F)</li> <li>• Other document</li> </ul>
F	FINANCIAL INFO	P/L & BALANCE SHEET 2012-2013	P/L & BALANCE SHEET 2012-2013
		P/L & BALANCE SHEET 2013-2014	P/L & BALANCE SHEET 2013-2014
		P/L & BALANCE SHEET 2014-2015	P/L & BALANCE SHEET 2014-2015

**Note:**

**The hard copy of 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 super scribed with words “Hard copy of documents uploaded against Tender no. WTL/KP/LAN/15-16/008 except BOQ”.**

# WEBEL TECHNOLOGY LIMITED

## SECTION – I

### FORMAT FOR TECHNICAL CAPABILITY OF BIDDER

(Tender No. WTL/KP/LAN/15-16/008)

Sl. No.	Project Name	Start Date	End Date / Status	Brief description of project & scope of work (implementation, operation & maintenance)	Type of project	Approx value of the project	Contact details of the Customer

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

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

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

**Note:**

- A. Type of Project shall indicate the implementation of services (Networking Setup, System Integration).
- B. Scope of work shall indicate whether it is implementation, Operation or maintenance.
- C. Submit Customer Order Copy details of the order indicating the project value, customer contact details, project completion certificate, customer satisfaction certificate etc.

**SECTION - J**

**FORMAT FOR FINANCIAL CAPABILITY OF BIDDER**

(Tender No. WTL/KP/LAN/15-16/008)

**FINANCIAL INFORMATION**

Sl. No.	Name of the Bidder	Turnover (Rs. / Crores)		
		2012-13	2013-14	2014-15
1				

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

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

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

**Note:**

Submit the Audited Financial Statement / Audited Accounts of the last three financial years.

**SECTION - K**

**FORMAT FOR BIDDER'S DETAILS**

(Tender No. WTL/KP/LAN/15-16/008)

1	Name of the Firm	
2	Registered Office Address	
	Contact Number	
	Fax Number	
	E-mail	
3	Correspondence / Contact address	
	Name & Designation of Contact person	
	Address	
	Contact Number	
	Fax Number	
4	Is the firm a registered company? If yes, submit documentary proof	
	Year and Place of the establishment of the company	
5	Former name of the company, if any	
6	Is the firm <ul style="list-style-type: none"> <li>▪ a Government/ Public Sector Undertaking</li> <li>▪ a propriety firm</li> <li>▪ a partnership firm (if yes, give partnership deed)</li> <li>▪ a limited company or limited corporation</li> <li>▪ a member of a group of companies, (if yes, give name and address and description of other companies)</li> <li>▪ a subsidiary of a large corporation (if yes give the name and address of the parent organization). If the company is subsidiary, state what involvement if any, will the parent company have in the project.</li> </ul>	
7	Is the firm registered with Sales Tax department? If yes, submit valid VAT Registration certificate.	
8	Is the firm registered for Service Tax with Central Excise Department (Service Tax Cell)? If yes, submit valid Service Tax registration certificate.	
9	Total number of employees. Attach the organizational chart 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 style="list-style-type: none"> <li>▪ Manufacturer</li> <li>▪ Supplier</li> <li>▪ System Integrator</li> <li>▪ Consultant</li> <li>▪ Service Provider (Pl. specify details)</li> <li>▪ Software Development</li> <li>▪ Total Solution provider (Design, Supply , Integration, O&amp;M)</li> <li>▪ IT Company</li> </ul>	
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)	

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

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

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

**SECTION - I**

**PROFORMA FOR PRE-BID MEETING QUERIES**

(Tender No. WTL/KP/LAN/15-16/008)

Name of the Bidder:

Queries

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

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

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

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

**Note:** The filled form to be submitted in XLS & PDF Format. There is a cutoff 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.

**SECTION – M**

**PROFORMA FOR PERFORMANCE BANK GUARANTEE**

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

PROFORMA OF BANK GUARANTEE FOR SECURITY DEPOSIT –CUM-PRFORMANCE GUARANTEE

Ref .....

Bank Guarantee no.....

Date.....

PROFORMA OF BG FOR SECURITY DEPOSIT

KNOW ALL MEN BY THESE PRESENTS that in consideration of WEBEL TECHNOLOGY LIMITED, a Government of West Bengal Undertaking incorporated under the Companies Act, 1956 having its Registered office at Webel Bhavan, Block EP&GP, Sector V, Kolkata-700 091 (hereinafter called "The Purchaser") having agreed to accept from \_\_\_\_\_ (hereinafter called "The Contractor") Having its Head Office at \_\_\_\_\_, a Bank guarantee for Rs. \_\_\_\_\_ in lieu of Cash Security Deposit for the due fulfillment by the Contractor of the terms & conditions of the Work Order No. \_\_\_\_\_ dated \_\_\_\_\_ issued by the Purchaser for \_\_\_\_\_ (hereinafter called "the said work order \_\_\_\_\_ dated \_\_\_\_\_"). We \_\_\_\_\_ (Name & detailed address of the branch) (hereinafter called "the Guarantor") do hereby undertake to indemnify and keep indemnified the Purchaser to the extent of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) only against any loss or damage caused to or suffered by the Purchaser by reason of any breach by the Contractor of any of the terms and conditions contained in the said Work Order No. \_\_\_\_\_ dated \_\_\_\_\_ of which breach the opinion of the Purchaser shall be final and conclusive.

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

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

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

(5) The liability under the Guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) only and will expire on \_\_\_\_\_ and unless a claim in writing is presented to us or an action or suit to enforce the claim is filed against us within 3 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 effected by liquidation or winding up or insolvency or closer of the Contractor.

(7) The executants has the power to issue this guarantee on behalf of Guarantor and holds full and valid power of Attorney granted in his favour by the Guarantor authorizing him to execute the Guarantee.

(8) Notwithstanding anything contained herein above, our liability under this guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) only and our guarantee shall remain in force up to \_\_\_\_\_ and unless a demand or claim under the guarantee is made on us in writing on or before \_\_\_\_\_ all your rights under the guarantee shall be forfeited and we shall be relieved and discharged from all liabilities there under.

WE, \_\_\_\_\_ lastly undertake not to revoke this guarantee during the currency except with the previous

consent of the Purchaser in writing. In witness whereof we \_\_\_\_\_ have set and subscribed our hand on  
this \_\_\_\_\_ day of \_\_\_\_\_.

WITNESS

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

2) \_\_\_\_\_  
(Name & address in full with  
Rubber Stamp)

SIGNED, SEALED AND DELIVERED

\_\_\_\_\_

(Stamp of the executants)

### **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 Vendor 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 – N**

**MAKE, MODEL & PART NUMBER**

(Tender No. WTL/KP/LAN/15-16/008)

The Bidder has to setup a managed network for KP at Lalbazar Campus(18 Lalbazar Street, Kolkata – 70001)

**Scope includes Supply, Installation and support services post commissioning of the following items:**

**Location – Kolkata Police, H.O.**

<b>Networking Equipments for Police HQ at Lalbazar</b>				
	<b>Active Part</b>	<b>Tentative Qty</b>	<b>Make</b>	<b>Model &amp; Part No.</b>
1	<b>Core Switch:</b> 1. 48 x 10/100/1000BaseT Ports 2. 4 x SFP+ 10GE Ports loaded with SR transceivers 3. Dedicated Stacking Port with 460 Gbps stack throughput	2 Nos.		
2	<b>Distribution Switch:</b> 1. 24 x 10/100/1000BaseT Ports 2. 2 x SFP+ 10GE Ports loaded with SR transceivers 3. Support for dedicated stacking port with 80 Gbps stack throughput for future requirement	4 Nos.		
3	<b>Access Switch:</b> 1. 24 x 10/100/1000BaseT Ports 2. 4 x SFP GE Ports 3. Support for dedicated stacking port with 80 Gbps stack throughput for future requirement	45 Nos.		
4	Firewall with IPS and VPN functionality	1 No.		
5	Network Management System (HW & SW)	1 No.		
6	SR Type 10GE Fiber Optic Transceivers	12 Nos.		
	<b>Passive Part</b>			
7	24 Port Loaded Jack Panel	49 Nos.		
8	48 Port Loaded Jack Panel	2 Nos.		
9	Cable Manager	23 Nos.		
10	24 Port fully loaded LIU	5 Nos.		
11	SC- LC Multimode OM3 FO Patch cord (2 Mtrs.)	16 Nos.		
12	Multimode OM3 Fibre Optic Cable	1800 Mtrs.		
13	6 U wall Mount Rack with fan and electrical fixtures	14 Nos.		
14	9 U wall Mount Rack with fan and electrical fixtures	14 nos.		
15	CAT 6 A UTP Cable	12500 Mtrs.		
16	UPS 700 VA with 15 min backup at full load	28 Nos.		
17	UPS 1 KVA with 15 min backup at full load	1 No.		
18	1 Mtr. UTP Patch Cord	1400 Nos.		
19	RJ 45 Connectors	200 Nos.		
20	CAT 6A IO boxes	500 Nos.		

Heterogeneous mix of materials can be offered but seamless integration between the other devices will be in the responsibility part of the bidder.

Quantity mentioned are indications only, may go in for 10% upward or downward fluctuation.

**Installation Completion Time: within 10 weeks of issuance of P.O/W.O**

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

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

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

**Section – O**

**DETAILED TECHNICAL SPECIFICATION**

(Tender No. WTL/KP/LAN/15-16/008)

Detailed Technical specification of Active component with Technical Compliance Sheet:

<b>Technical Specification of Core Switch</b>			
<b>S/N</b>	<b>Required Minimum Specifications</b>	<b>Quoted Specifications</b>	<b>Compliant - Yes / No</b>
1	The switch should be stackable with dedicated stacking port that supports stacking bandwidth of 460 Gbps to take advantage of pay as one grow model. Single stack should be capable to accommodate at least 8 switches.		
2	The switch stack should have the following switches: 1. 48 x 10/100/1000BaseT ports and 4 x 10 GE SFP+ ports loaded with SR Module - two numbers		
3	All 10GE SFP+ ports should support LR, SR, LRM and copper transceivers.		
4	Each switch of the stack should have internal Redundant Power supply from day-1.		
5	The switch should also support 1G and 10G uplink module.		
6	It should support Layer-3 features like Open Shortest Path First (OSPF), Border Gateway Protocol (BGP), Protocol Independent Multicast (PIM), and IPv6 routing such as OSPFv3 through license upgrade in future.		
7	Basic IP unicast routing protocols (static, RIPv1, and RIPv2) should be supported from day 1.		
8	Should have provision to enable advanced IP unicast routing protocols (OSPF, BGPv4, and IS-ISv4) on the same device through license upgrade only.		
9	IPv6 routing (OSPFv3) to be supported in hardware for maximum performance.		
10	It should have capability to act as DHCP Server which enables a convenient deployment option for the assignment of IP addresses in networks that do not have a dedicated DHCP server.		
11	Jumbo Frame : 9100 Byte (min)		
12	Should support minimum 1000 VLANs and 4000 VLAN IDs		
13	should have Flash memory of 1 GB (minimum)		
14	should have DRAM of 4 GB (minimum)		
15	Minimum switching capacity should be 160 Gbps.		
16	Minimum forwarding rate should be 130 mpps.		
17	MAC addresses : 30,000		
18	IPv4 routes: 10,000		
19	The switch should support DLDP and Aggressive DLDP or equivalent to allow for unidirectional links caused by incorrect fiber-optic wiring or port faults to be detected and disabled on fiber-optic interfaces		
20	The switch should have capacity to work as Wireless LAN Controller for at least 50 AP in future through license upgrade only.		

<b>Technical Specification of Distribution Switch</b>			
<b>S/N</b>	<b>Required Minimum Specifications</b>	<b>Quoted Specifications</b>	<b>Compliant - Yes / No</b>
	Distribution Switch - 24-Port 10/100/1000BaseT and 2 no. of 10GE SFP+		
<b>1</b>	<b>General Features</b>		
1.1	The switch should have minimum 24 x 10/100/1000 Gigabit Ethernet Ports and 2 no. of 10GE SFP+ ports for uplink		
<b>2</b>	<b>Performance</b>		
2.1	At least 200 Gbps of switching bandwidth in full-duplex mode		
2.2	At least 90 Mpps forwarding rate		
2.3	Configurable up to 8000 MAC addresses		
2.4	Switch should have fans for proper cooling so that it can operate at 45°C.		
<b>3</b>	<b>Layer-2 Features</b>		
3.1	IEEE 802.1Q VLAN encapsulation. Upto 1000 VLANs should be supported. Support for 4000 VLAN IDs.		
3.2	Support for Voice VLAN which can simplify telephony installations by keeping voice traffic on a separate VLAN for easier administration and troubleshooting.		
3.3	Automatic medium-dependent interface crossover (Auto-MDIX) automatically adjusts transmit and receive pairs if an incorrect cable type (crossover or straight-through) is installed on a copper port.		
3.4	Spanning-tree Enhancements for fast convergence		
3.5	IEEE 802.1d, 802.1s, 802.1w, 802.3ad		
3.6	Spanning-tree feature to prevent other edge switches becoming the root bridge.		
3.7	Link Aggregation Protocol (LACP)		
3.8	Support for Detection of Unidirectional Links and to disable them to avoid problems such as spanning-tree loops.		
3.9	The Switch should be able to discover the neighboring device giving the details about the platform, IP Address, Link connected through etc, thus helping in troubleshooting connectivity problems.		
3.10	Per-port broadcast, multicast, and storm control to prevent faulty end stations from degrading overall systems performance.		
3.11	Local Proxy Address Resolution Protocol (ARP) to work in conjunction with Private VLAN Edge to minimize broadcasts and maximize available bandwidth.		
<b>4</b>	<b>Network security features</b>		
4.1	IEEE 802.1x to allow dynamic, port-based security, providing user authentication.		
4.2	SSHv2 and SNMPv3 to provide network security by encrypting administrator traffic during Telnet and SNMP sessions.		
4.3	Bidirectional data support on the Mirrored port to allow the intrusion detection system (IDS) to take action when an intruder is detected.		
4.4	RADIUS authentication to enable centralized control of the switch and restrict unauthorized users from altering the configuration.		

4.5	MAC address notification to allow administrators to be notified of users added to or removed from the network.		
4.6	Port security to secure the access to an access or trunk port based on MAC address.		
4.7	Multilevel security on console access to prevent unauthorized users from altering the switch configuration using local database or through an external AAA Server.		
4.8	Spanning tree feature to shut down Spanning Tree Protocol enabled interfaces when BPDU's are received to avoid accidental topology loops.		
5	<b>Quality of Service (QoS) &amp; Control</b>		
5.1	Standard 802.1p CoS		
5.2	Four egress queues per port to enable differentiated management of up to four traffic types.		
5.3	Weighted tail drop (WTD) or equivalent to provide congestion avoidance		
5.4	Strict priority queuing mechanisms.		
6	<b>Management</b>		
6.1	Command Line Interface (CLI) support for configuration & troubleshooting purposes (Switch with limited CLI should not be proposed).		
6.2	For enhanced traffic management, monitoring, and analysis, upto four RMON groups (history, statistics, alarms, and events) must be supported.		
6.3	Domain Name System (DNS) support to provide IP address resolution with user-defined device names.		
6.4	Trivial File Transfer Protocol (TFTP) to reduce the cost of administering software upgrades by downloading from a centralized location.		
6.5	Network Timing Protocol (NTP) to provide an accurate and consistent timestamp to all intranet switches.		
6.6	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.		
6.7	RMON I and II standards		
6.8	SNMPv1, SNMPv2c, and SNMPv3		
6.9	IPv6 Host support (- IPv6 support: Addressing; IPv6: Option processing, Fragmentation, ICMPv6, TCP/UDP over IPv6;)		
7	<b>Stack Support for Future</b>		
7.1	The switch should support dedicated stacking port with minimum stacking bandwidth of 80 Gbps.		
7.2	The switch stack should support at least 8 switches per stack.		

<b>Technical Specification of Access Switch</b>			
<b>S/N</b>	<b>Required Minimum Specifications</b>	<b>Quoted Specifications</b>	<b>Compliant - Yes / No</b>
	Access Switch - 24-Port 10/100/1000BaseT and 4 GE SFP		
1	<b>General Features</b>		
1.1	The switch should have minimum 24 x 10/100/1000 Gigabit Ethernet Ports and 4 GE SFP ports for uplink. Fiber Optic transceivers are not required from day-1.		
2	<b>Performance</b>		
2.1	At least 90 Gbps forwarding bandwidth		
2.2	At least 65 Mpps forwarding rate		
2.3	Configurable up to 8000 MAC addresses		
2.4	Switch should have fans for proper cooling so that it can operate at 45°C.		
3	<b>Layer-2 Features</b>		
3.1	IEEE 802.1Q VLAN encapsulation. Upto 1000 VLANs should be supported. Support for 4000 VLAN IDs.		
3.2	Support for Voice VLAN which can simplify telephony installations by keeping voice traffic on a separate VLAN for easier administration and troubleshooting.		
3.3	Automatic medium-dependent interface crossover (Auto-MDIX) automatically adjusts transmit and receive pairs if an incorrect cable type (crossover or straight-through) is installed on a copper port.		
3.4	Spanning-tree Enhancements for fast convergence		
3.5	IEEE 802.1d, 802.1s, 802.1w, 802.3ad		
3.6	Spanning-tree feature to prevent other edge switches becoming the root bridge.		
3.7	Link Aggregation Protocol (LACP)		
3.8	Support for Detection of Unidirectional Links and to disable them to avoid problems such as spanning-tree loops.		
3.9	The Switch should be able to discover the neighboring device giving the details about the platform, IP Address, Link connected through etc, thus helping in troubleshooting connectivity problems.		
3.10	Per-port broadcast, multicast, and storm control to prevent faulty end stations from degrading overall systems performance.		
3.11	Local Proxy Address Resolution Protocol (ARP) to work in conjunction with Private VLAN Edge to minimize broadcasts and maximize available bandwidth.		
4	<b>Network security features</b>		
4.1	IEEE 802.1x to allow dynamic, port-based security, providing user authentication.		
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4.3	Bidirectional data support on the Mirrored port to allow the intrusion detection system (IDS) to take action when an intruder is detected.		
4.4	RADIUS authentication to enable centralized control of the switch and restrict unauthorized users from altering the configuration.		
4.5	MAC address notification to allow administrators to be notified of users added to or removed from the network.		

4.6	Port security to secure the access to an access or trunk port based on MAC address.		
4.7	Multilevel security on console access to prevent unauthorized users from altering the switch configuration using local database or through an external AAA Server.		
4.8	Spanning tree feature to shut down Spanning Tree Protocol enabled interfaces when BPDU's are received to avoid accidental topology loops.		
5	Quality of Service (QoS) & Control		
5.1	<b>Standard 802.1p CoS</b>		
5.2	Four egress queues per port to enable differentiated management of up to four traffic types.		
5.3	Weighted tail drop (WTD) or equivalent to provide congestion avoidance		
5.4	Strict priority queuing mechanisms.		
6	<b>Management</b>		
6.1	Command Line Interface (CLI) support for configuration & troubleshooting purposes (Switch with limited CLI should not be proposed).		
6.2	For enhanced traffic management, monitoring, and analysis, upto four RMON groups (history, statistics, alarms, and events) must be supported.		
6.3	Domain Name System (DNS) support to provide IP address resolution with user-defined device names.		
6.4	Trivial File Transfer Protocol (TFTP) to reduce the cost of administering software upgrades by downloading from a centralized location.		
6.5	Network Timing Protocol (NTP) to provide an accurate and consistent timestamp to all intranet switches.		
6.6	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.		
6.7	RMON I and II standards		
6.8	SNMPv1, SNMPv2c, and SNMPv3		
6.9	IPv6 Host support (- IPv6 support: Addressing; IPv6: Option processing, Fragmentation, ICMPv6, TCP/UDP over IPv6;)		
7	<b>Stack Support for Future</b>		
7.1	The switch should support dedicated stacking port with minimum stacking bandwidth of 80 Gbps.		
7.2	The switch stack should support at least 8 switch per stack.		

<b>Technical Specification of Firewall</b>			
<b>S/N</b>	<b>Required Minimum Specifications</b>	<b>Quoted Specifications</b>	<b>Compliant Yes / No</b>
1	<b>Industry Certifications and Evaluations</b>		
	The Firewall solution offered must be rated as 'Leaders' in the latest Magic Quadrant for Firewall published by Gartner.		
	The Firewall appliance should have certifications like ICSA / EAL4 or more		
	The proposed vendor must have a track record of continuous improvement in threat detection (IPS) and must have successfully completed NSS Labs' NGFW Methodology 4 testing with a minimum exploit blocking rate of 97% for the last 4 years		

2	<b>Hardware Architecture</b>		
	The appliance based security platform should be capable of providing firewall, IPS, Botnet, URL Filtering, Application Control, Web Reputation and VPN (both IPsec and SSL) functionality in a single appliance from day one		
	The appliance should support atleast 8 nos 10/100/1000 Gigabit ports from Day one . Must support 4 nos 10G ports		
	The appliance hardware should be a multicore CPU architecture with a hardened 64 bit operating system to support higher memory		
	Proposed Firewall should not be proprietary ASIC based in nature & should be open architecture based on multi-core cpu's to protect & scale against dynamic latest security threats.		
	Proposed appliance should have inbuilt redundant power supply.		
3	<b>Performance &amp; Scalability</b>		
	Firewall Throughput must be more than 9 Gbps production throughput considering environment with real-world traffic blend, multiple Security features, a typical rule-base size, NAT and logging enabled and the most secure threat prevention protection		
	Proposed IPS throughput with TCP and UDP traffic blend, with recommended IPS Policy, scanning all part of sessions in both directions must be atleast 3 Gbps		
	NGFW should support 3DES/AES IPsec VPN throughput of atleast 3 Gbps		
	Firewall should support atleast 5 million concurrent sessions		
	Firewall should support atleast 100,000 connections per second		
	Firewall should support atleast 200 vlans		
	Proposed firewall must support maximum 25 virtual context firewall		
4	<b>Firewall Features</b>		
	Network Security Firewall should support "Stateful" policy inspection technology. It should also have application intelligence for commonly used TCP/IP protocols like telnet, ftp etc.		
	It should support the Firewall, IPSEC VPN & Bandwidth Management as integrated security functions		
	Firewall and Integrated IPSEC VPN Applications should be ICSA Labs certified for ICSA 4.0, FIPS 140-2 certified and OPSEC Certified		
	The hardware platform & Firewall with integrated IPSEC VPN application has to be from the same OEM.		
	Appliance should support for Active – Active connections. It should not depend upon any 3rd party product or appliance for the same.It should be provided in HA from day one		
	Network Security Firewall should support "Stateful" policy inspection technology. It should also have application intelligence for commonly used TCP/IP protocols like telnet, ftp etc.		
	Firewall system should have a provision to handle the bandwidth management, if the same is required without additional cost It should offer the Bandwidth Management for every TCP, IPSEC, & VoIP protocols with attributes of Minimum Committed Bandwidth per protocol; Maximum Bandwidth per protocol; Priority for the queues		
	It should support the VOIP traffic filtering		
	Appliance should have Identity Awareness Capabilities		
	Solution must failover without dropping any connection in active mode.		
	Firewall should have Hardware Sensor Monitoring capabilities.		
	The platform should support VLAN tagging (IEEE 802.1q)		
	The Firewall should support ISP link load balancing		
	Firewall should support Link Aggregation functionality to group multiple ports as single port.		
	Firewall should support Ethernet Bonding functionality for Full Mesh deployment architecture.		

	Solution must have search option in GUI to search configuration options like NTP, arp, Proxy etc. and should directly take administrator to configuration window of search result by just clicking at search results.		
	Appliance must support automatic search, downloading and install software hotfixes without any administrator efforts and must notify Administrator through mails on the status and progress of each step. System should automatically roll back upon failure.		
	Solution must support atleast two clustering protocols.		
	Solution must support VRRP clustering protocol.		
	Firewall Appliance must allow to configure password policy for local users to login to firewall and must support following: disallow Palindromes, disallow password reuse from last 10 passwords, set password expiry in number of days, must have option to warn user 7 days before password expiry, block access for 20 Mins after 3 failed login attempts.		
	Solution must support multiple administrators to work on policies on session based, All the policies and objects on which Administrator 1 is working should be locked for all other administrator, however other administrator can work on other policy rules and objects in their respective sessions. Changes done by Administrator-1 should not be visible to other administrators till the time Administrator-1 publish changes.		
	Solution must have search option in GUI to search configuration options like NTP, arp, Proxy etc. and should directly take administrator to configuration window of search result by just clicking at search results.		
	Appliance must support automatic search, downloading and install software hotfixes without any administrator efforts and must notify Administrator through mails on the status and progress of each step. System should automatically roll back upon failure.		
	Solution must support atleast two clustering protocols.		
	All internet based applications should be supported for filtering like Telnet, FTP, SMTP, http, DNS, ICMP, DHCP, ARP, RPC, SNMP, Lotus Notes, Ms-Exchange etc		
	Local access to the Firewall modules should support authentication protocols – RADIUS & TACACS+		
	IPSec VPN should support the Authentication Header Protocols – MD5 & SHA		
	IPSec ISAKMP methods should support Diffie-Hellman Group 1 & 2, MD5 & SHA Hash, RSA & Manual Key Exchange Authentication, 3DES/AES-256 Encryption of the Key Exchange Material and algorithms like RSA-1024 / 1536		
	IPSec encryption should be supported with 3DES, AES-128 & AES-256 standards		
	The Firewall should be able to filter traffic even if the packets are fragmented.		
	All internet based applications should be supported for filtering like Telnet, FTP, SMTP, http, DNS, ICMP, DHCP, ARP, RPC, SNMP, Lotus Notes, Ms-Exchange etc		
	It should support the VOIP Applications Security by supporting to filter SIP, H.323, MGCP and Skinny flows.		
	It should be able to block Instant Messaging like Yahoo, MSN, ICQ, Skype (SSL and HTTP tunneled)		
	It should enable blocking of Peer-Peer applications, like Kazaa, Gnutella, Bit Torrent, IRC (over HTTP)		
	The Firewall should support authentication protocols like LDAP, RADIUS and have support for Firewall passwords, smart cards, & token-based products like SecurID, LDAP-stored passwords, RADIUS or TACACS+ authentication servers, and X.509 digital certificates.		
5	<b>Botnet Filtering capabilities</b>		
	Solution should be able to detect & Prevent bot outbreaks and APT attacks		
	Solution should be able to detect & Prevent the Bot communication		



	with C&C		
	Solution should have an Multi tier engine to ie detect & Prevent Comand and Control IP/URL and DNS		
	Solution should be able to detect & Prevent Unique communication patterns used by BOTs i.e., Information about Botnet family		
	Solution should be able to block traffic between infected Host and Remote Operator and not to legitimate destination		
	Solution should be able to provide with Forensic tools which give details like Infected Users/Device, Malware type, Malware action etc		
	The AV and Anti-Bot solution should be a multi-tier inspection and not be limited to file types		
	The AV should Scan files that are passing on CIFS protocol		
	Solution should have option to inspect, Bypass and Block based on file types e.g. chm, shar, vsd, msi, vbs, wsf etc.		
	solution should have option to inspect/scan files coming from external, DMZ and All interfaces		
6	<b>Application control &amp; URL Filtering</b>		
	The solution should provide in line proxy, on box malware inspection, content filtering, SSL inspection, protocol filtering functionalities		
	Application control database should contain more than 6000 applications.		
	The solution should protect users from downloading virus / malwares embedded files by stopping viruses / malwares at the gateway itself. Should at least provide Real-Time security scanning.		
	Should stop incoming malicious files with updated signatures & prevent access to malware infected websites & unblocks the sites when the threats have been removed.		
	Solution must have a URL categorization that exceeds 100+ million URLs filtering database. Should have pre defined URL categories. The solution should have the capabilities to block, permit, allow & log, protocols other than HTTP, HTTPs, FTP. Also list the protocols that supports.		
	The solution should have more than millions + malware signature.		
	The solution should also have the scalability to scan & secure SSL encrypted traffic passing through gateway. Should perform inspection to detect & block malicious content downloaded through SSL.		
	Solution must be able to create a filtering rule with multiple categories.		
7	<b>Integrated IPS</b>		
	The IPS should be constantly updated with new defenses against emerging threats.		
	IPS updates should have an option of Automatic downloads and scheduled updates so that it can be scheduled for specific days and time		
	Should have Sandbox for new protections.		
	The IPS should scan all parts of the session in both directions		
	Should have flexibility to define newly downloaded protections will be set in Detect or Prevent mode.		
	Activation of new protections based on parameters like Performance impact, Confidence index, Threat severity etc.		
	IPS Engine should support Vulnerability and Exploit signatures, Protocol validation, Anomaly detection, Behavior-based detection, Multi-element correlation.		
	IPS profile can be defined to Deactivate protections with Severity, Confidence-level, Performance impact, Protocol Anomalies.		
	IPS Profile should have an option to select or re-select specific signatures that can be deactivated		

8	<b>Compliance Monitoring</b>		
	Security management should provide Compliance monitoring framework so that it can monitor compliance status of these devices in the real time. It is expected, the network solution to provide real-time and continuous assessment of all major regulations like ISO27001, COBIT,NIST, FIPS 200, GLBA, ISO27002, HIPAA security, PCI DSS, SOX etc.		
	Should provide clear indications that highlight regulations with serious indications of potential breaches with respect to Access Policies, Intrusion ,Malwares, BOT, URL, Applications etc.		
	Should Educates users to make good decisions by incorporating Compliance into daily activities		
	Should also be able to enforce the compliance there by Providing clear and practical guidance on best way to deliver meaningful security practices		
	should Indicates automatically where improvements are needed and on going continuous assessment rather than manual intervention for meeting up compliance.		

**Network Management System**

S/N	Features	Quoted Specifications	Compliant Yes / No
1	The network management platform shall provide a single pane of glass (single integrated solution) to monitor, manage, troubleshoot and administer Wired and Wireless LAN.		
2	The NMS solution shall provide a single integrated solution for comprehensive lifecycle management of the wired and wireless access, campus, branch networks, and rich visibility into end-user connectivity. Should also support application performance assurance issues.		
3	The platform shall support as many as ten thousand devices through virtual or physical appliances.		
4	The platform shall deliver application-level visibility through the normalization and correlation of rich performance instrumentation data to help ensure application delivery and an optimal end-user experience.		
5	The management utility shall help enable regulatory compliance analysis and reporting against PCI DSS standards.		
6	The platform shall accelerate the rollout of new services and provides secure access and management of mobile devices.		
7	The management utility shall have deep integration with the secure access mechanism like 802.1x authentication, posture and profiling to provide visibility across security and policy-related problems, presenting a complete view of client access issues with a clear path to solving them.		
8	The utility shall simplify and automate many of the day-to-day tasks associated with maintaining and managing the end-to-end network infrastructure from a single pane of glass thereby reducing the need for multiple tools, and lowering operating expenses and training costs.		
9	The platform would deliver all of the existing wireless capabilities for RF management, user access visibility, reporting, and troubleshooting along with wired lifecycle functions such as discovery, inventory, configuration and image management, automated deployment, compliance reporting, integrated best practices, and reporting.		
10	The platform shall be based on lifecycle processes that would align with the product functionality clearly describing the phases like design, deploy, operate, report and administer.		
11	The design functionality shall facilitate creation of templates used for monitoring key network resources, devices, and attributes. Default templates and best practice designs are provided for quick out-of-the-box implementation automating the work required to use OEM validated designs and best practices.		
12	The management infrastructure shall provide continuous compliance and auditing capabilities to help IT organizations monitor and assess their network and device configuration for out-of-policy configuration, discrepancies, and security and risk vulnerabilities.		

13	The platform shall offer unified alarm displays with detailed forensics provide actionable information and the ability to automatically open service requests with the OEM's Technical Assistance Center		
14	The platform should have flexible virtual machine and physical appliance solution that would provide cost-effective, easy-to-install options for small to global enterprise-class networks.		
15	The management utility shall have Role-based access control provides flexibility to segment the network into one or more virtual domains controlled by a single Infrastructure platform. These Virtual domains shall help deploy both large, multisite networks and managed services.		
16	The management platform shall support the following device types like access switches, distribution switches, core switches, routers, network analysis modules, wide area applications service modules, Fiber channel & Storage switches, Wireless access points and Wireless LAN Controllers.		
17	Operational Workflow feature, for better operations management, should be available from day-1 and support Open API's to integrate with 3rd Party Enterprise Ticket Management Systems.		
18	To run the Network Management System the server should have minimum hardware as mentioned below: CPU - 2.40 GHz with 12 MB Cache Intel Xeon - 2 nos. DRAM - 16 GB HDD - 300 GB SAS - 4 nos configured in RAID-5 RAID Card - should support RAID 0, 1, 5, 10 - 1 no. Power Supply – redundant		

**Detailed Specification of Passive Component with Technical Compliance Sheet:**

**TECHNICAL SPECIFICATION FOR UTP AND FIBER COMPONENTS**

**CAT 6A UTP Cable**

S/N	Required Minimum Specifications	Quoted Specifications	Compliant - Yes / No
1	Category 6A U/UTP cables shall exceed ANSI/TIA-568-C Category 6A and ISO/IEC 11801 Class EA performance requirements by significant margins on all parameters.		
2	Category 6A cable shall be suitable for applications such as Gigabit Ethernet (100BASE-Tx), 10/100BASE-Tx, token ring, 155 Mbps ATM, 100 Mbps TP-PMD, ISDN, analog and digital video and analog and digital voice (VoIP)		
3	Cable shall be 23 AWG, 4 Pair UTP, LSZH		
4	Conductor: 23 AWG solid bare copper		
5	4 pairs shall be separated within the cable jacket with a Cross (+) filler.		
6	Mechanical: Bend Radius 4 x outer diameter Operating Temperature: 0° C – 60° C Electrical: Conductor DC Resistance (Max): 9.38 /100 m (28.6 /1000 ft) DC Resistance Unbalance (Max): 2% Mutual Capacitance (Max): 5.6nF/100 m (17 pF/ft) Operating Voltage (Max): 300 VDC Worst Case Cable Skew: 40 ns/100 m (40 ns/ 328 ft) Nominal Velocity of Propagation: 69% Propagation Delay: 510 ns/100 m @ 250 MHz		
7	The cable shall be tested at min 650 MHz. Performance at 650 MHz to be submitted.		
8	Cable must comply to – ETL Verified TIA-568-C.2 Category 6A Horizontal Cable Requirements ISO/IEC 11801 Category 6A Horizontal Cable Requirements IEC 60332-1 Flame Test IEC 61034 Smoke Density IEC 60754-1 Acid Gas IEC 60754-2 pH Fire Load: 760 kJ/m (0.21 kWh/m)		
	Cable shall be 2002/95/EC RoHS compliant		

**CAT6A UTP Jack Panel, 1U**

S/N	Required Minimum Specifications	Quoted Specifications	Compliant - Yes / No
1	1RU 24-port patch panel shall optimise performance to allow 10 Gigabit transmission.		
2	Shall meet and exceed transmission performance of TIA-568.B.2-10 and ISO/IEC 11801 ed.2.1		
3	The port arrangement shall have modular offset design to counter the negative effects of alien cross talk, critical for 10 Gigabit Ethernet performance.		
4	The panel shall have fully-moulded plastic design to reduce the alien cross talk effect compared with traditional metal frame panels.		
5	Panel shall have comprehensive individual port labelling on front and rear		
6	Rear cable manager to be included in supply. Cable manager shall be capable of managing and holding each of the 24 cables individually		
7	UL 1863 listed		
8	Operating Temperature Range: 0° to 70°C		
9	Shall be ROHS compliant		

**CAT6A UTP Patch Cable**

S/N	Required Minimum Specifications	Quoted Specifications	Compliant - Yes / No
1	Patch Cable shall be independently verified to TIA 568-B.2-10 Category 6A; ISO/IEC 11801:2002 Amendment 1 Class EA and ISO/IEC 11801:2002 Amendment 2 Class EA (Draft).		
2	Shall support 10 Gigabit Ethernet over unshielded copper to a full 100m up to 500MHz		
3	Conductor: 24 AWG 7x32 stranded tinned copper		
4	Patch cable shall have flexible strain relief boots on either side		
5	RJ45 Plug Interface according to: IEC 60603-7		
6	Nominal Outer Diameter: 7.87mm ± 0.13mm		
7	Operating temperature range: 0°C to 75°C		
8	Safety rating: IEC/EN 60950, LVD Compliant		
9	Jacket: LSZH compliant to EN 60754-1 & -2		
10	Flammability: IEC 60332-1		
11	Cable shall be ROHS compliant		
12	Cable shall be available in multiple colour and lengths		

**6 Core Multi Mode Outdoor Armoured Fiber, OM3**

S/N	Specifications	Required Minimum Specifications	Quoted Specifications	Compliant - Yes / No
1	Cable Type	6-core, Multimode, 10G Ethernet OM3, Armored, loose-tube, Gel Filled		
2	Fiber type	50/125/250, Laser Grade, primary coated buffers		
3	No. of cores	6		
4	Standard	Compliant to EN 50173; ISO 11801; ANSI/TIA-568-C.3 and Telcordia GR-20		
5	Fiber Attenuation			
	@850nm	<=2.7 dB / KM		
	@1300nm	<=0.7dB / KM		
6	Bandwidth			
	@850nm	>1500 MHz-KM		
	@1300nm	>500 MHz-KM		
7	Network Support			
	@850nm (1000Base-SX)	1000m		
	@1300nm (1000Base-LX)	600m		
	@850nm (10GBase-SR & SW)	300m		
	@1300nm (10GBase-LX4)	300m		

8	Loose Tube construction	Single PBTP loose tube of min diameter of 3mm filled with water blocking gel.		
9	Outer Sheath	HDPE, min 2mm thick		
10	Overall Diameter	10 mm		
11	Strength members	Water blocking E glass yarns		
12	Min Bend radius - Installation	200 mm		
13	Min Bend radius - Service	160 mm		
14	Tensile rating	1250 N		
15	Maximum Crush resistance	3000N		
16	Operating Temperature	0 Degree C to +70 Degree C		
17	Weight	100 Kg/Km		
18	Compliance	ROHS compliant		

**Fiber LIU Rack-mountable, 1U fully loaded, OM3**

S/N	Specifications	Required Minimum Specifications	Quoted Specifications	Compliant - Yes / No
1	Fiber Management shelf	The fiber management shelf shall have compact design and be ideal for high density front patching applications. Should be fully loaded and factory fitted assembly with no assembling required during installation at site		
		• High Density: 1U: 24 Fiber terminations		
		• Should be supplied loaded with SC adapters, splice trays, SC OM3 Pigtails and fiber management rings		
		• Mounting brackets can be placed in different positions		
2	Drawer style shelf	o Easy access to splicing tray o Easy access to back side of connector		
3	Accessories	Fiber management guides, radius controls & secure tie downs provided Pre loaded with labeling strips and grounding lug Sealed cable inlets for dust and rodent protection		
4	Material	Min 1.6mm CRCA sheet with powder coating		
5	Compact size (mm)	44 x 450 x 320 (HxWxD)		
6	Pigtails loaded in Shelf:			
i	Type	SC Type, OM3 1.5 Mtr.		
ii	Attenuation	<=0.3 dB, at 850 nm		
iii	Return Loss	>= 30 dB in mated condition		
iv	Cable Info	50/125 um		
v	Outer Dia	0.9 mm		
vi	Jacket material	LSZH		
vii	Buffer Color	Aqua		
viii	Buffer Material	UV Cured Acrylate		
7	Warranty	25 year warranty from the OEM		
8	Compliance	ROHS / ELV Compliant		

**Fiber Patch Cables, SC-LC OM3, 2 Mtr**

S/N	Specifications	Required Minimum Specifications	Quoted Specifications	Compliant - Yes / No
1	Make and Type	SC to LC Duplex tuned Fiber Optic Patch Cord, 50/125 Micron, OM3		
2	Cable Sheath	LSZH		
3	Cable Diameter	1.8 x 3.6 mm		
4	Ferrule	Ceramic		
5	Buffer	Tight buffered		
6	Insertion Loss	MAX .3 db at 850nm		
7	Return Loss	> 30 db at mated condition		
8	Length	3 Mtrs, 5 Mtrs		

9	Temperature Range	0 Degree C to +60 Degree C		
10	ROHS	ROHS/ELV Compliant		

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

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

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

**SECTION – P**

**MANUFACTURER'S AUTHORIZATION FORM**

Date:

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

Ref: Tender No.: Tender No. WTL/KP/LAN/15-16/008 dated 01/12/2015

WHEREAS \_\_\_\_\_ who are official producers of  
\_\_\_\_\_ and having production facilities at  
\_\_\_\_\_ do hereby authorize  
\_\_\_\_\_ located at  
\_\_\_\_\_ (hereinafter, the "Bidder") to submit a bid of the following Products  
produced by us, for the Supply Requirements associated with the above Invitation for Bids.

1. \_\_\_\_\_
2. \_\_\_\_\_

When resold by \_\_\_\_\_, these products are subject to 60 months onsite comprehensive warranty from the date of final acceptance of the system by the customer.

We assure you that in the event of \_\_\_\_\_, not being able to fulfill its obligation as our Service Provider in respect of our standard Warranty Terms we would continue to meet our Warranty Terms through alternate arrangements.

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

We also confirm that the products quoted are on our current product list and are not likely to be discontinued with in from the day of this letter. We assure availability of spares for the products for the next two years after five years warranty.

We also confirm that the material will be delivered within six weeks from the date of placement of confirmed order.

Name \_\_\_\_\_ In the capacity of \_\_\_\_\_

Signed \_\_\_\_\_

Duly authorized to sign the authorization for and on behalf of \_\_\_\_\_

Dated on \_\_\_\_\_ day of \_\_\_\_\_ 2015

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

**SECTION – Q**

**OEM'S DECLARATION FORM**

Date:

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

Ref: Tender No.: Tender No. WTL/KP/LAN/15-16/008 dated 01.12.15.

WHEREAS \_\_\_\_\_ who are official producers of \_\_\_\_\_ and having production facilities at \_\_\_\_\_ do hereby declare that we are directly submitting a bid of the following Products produced by us, for the Supply Requirements associated with the above Invitation for Bids

1. \_\_\_\_\_

2. \_\_\_\_\_

When supplied by us these products are subjected to five years onsite comprehensive warranty and we will remain fully responsible for meeting our warranty terms

We also confirm that the products quoted are on our current product list and are not likely to be discontinued within \_\_\_\_\_ from the day of this letter. We assure availability of spares for the products for the next two years after five years warranty.

We also confirm that the Life of the product is \_\_\_\_\_

Name \_\_\_\_\_ In the capacity of \_\_\_\_\_

Signed

Duly authorized to sign the authorization for and on behalf of \_\_\_\_\_

Dated on \_\_\_\_\_ day of \_\_\_\_\_ 2015

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



**SECTION - R**

**DECLARATION OF Eligibility CRITERIA**

(Tender No. WTL/KP/LAN/15-16/008)

Sl. No.	Criteria	Document Submitted	Reference Document Submitted
	<b>Part A: EXISTENCE OF THE BIDDER</b>		
1	The bidder must be a company registered under the Companies Act, 1956/2013 or a Partnership or a Proprietary Firm. Documentary (Certificate of incorporation/Relevant document) evidence to be	Yes/No	
2	The bidder must have an own office in Kolkata with valid statutory registration. Valid statutory registration document to be submitted.	Yes/No	
3	The bidder should have valid VAT/CST Registration Certificate, Service Tax Registration Certificate & Trade License. Copy of the documents to be submitted.	Yes/No	
	<b>Part B: TECHNICAL QUALIFICATION CRITERIA</b>		
1	Bidder must submit the completion report of at least three Projects of Networking setup involving Active & Passive Components, i.e., covering Data of minimum value of Rs.30.00 lakhs each project for any Central / State Government / PSU Organisation / Private Sector in India in the last three financial years (FY- 2012-13, 2013-14 & 2014-15). Self Attested Photocopy of Work Orders to be submitted along with completion certificate from concerned authority.	Yes/No	
2	The bidder should have an annual turnover of not less than Rs 2.00 Crores per year in the last three financial years (FY- 2012-13, 2013-14 & 2014-15). Bidder shall have to submit Audited Accounts / Auditor Certificate in support of their claim.	Yes/No	
3	Bidder should submit Earnest Money Deposit (EMD) of Rs. 200000.00 (Rupees Two lakhs) only in the form of Demand Draft from any Scheduled Bank in favour of Webel Technology Limited payable at Kolkata.	Yes/No	
4	Bidder should submit Tender Fee of Rs. 6,000.00 (Rupees Six Thousand) only in the form of Demand Draft from any Scheduled Bank in favour of Webel Technology Limited payable at Kolkata.	Yes/No	
5	Bidder should possess ISO 9001:2008 certificate pertaining to Network Segment. Copy of the valid certificate to be submitted.	Yes/No	
6	Bidder should have his own call centre (number to be specified). OEM Call Centre number will not be treated as bidder's call centre number. Call center details to be submitted duly stamped & signed.	Yes/No	
7	<b>OEM Qualification Criteria</b>		
a)	<b>For active component:</b>		
i)	The OEM should have their spare depot in Kolkata. Address Proof of the same to be submitted.	Yes/No	
ii)	All the LAN devices like Core, Distribution and Access Switch should be IPv6 Ready Logo Certified to comply with the Govt of India IPv6 Road map. Supporting documents to be submitted.	Yes/No	
iii)	Tender Specific Manufacturer's Authorization for products quoted to be submitted as per format.	Yes/No	
iv)	OEM should have presence in India for last 10 years and should be profitable for last 3 financial years. Supporting documents to be submitted.	Yes/No	
v)	OEM for LAN products should be in the Leaders Quadrant of the report published by latest Gartner report. Copy of the report to be submitted.	Yes/No	
b)	<b>For passive component:</b>		
i)	OEM should have direct presence in India more than at-least 15 years. Supporting documents to be submitted.	Yes/No	

ii)	All passive components should be RoHS (Restriction of Certain Hazardous Substance) complied. Declaration - RoHS Compliant should clearly be mentioned on datasheets (Section - O) of each passive component (Copper & Fiber). Supporting documents to be submitted.	Yes/No	
iii)	OEM should have members participating in Telecommunications Industry Association committee with presence in all of the Telecommunication subcommittees of the following: a. TIA TR-42.1 Subcommittee on Commercial Building Telecommunications Cabling b. TIA TR-42.7 Telecommunication Copper Cabling Systems c. TIA TR-42.12 Subcommittee on Optical Fibers and Cables Supporting documents to be submitted.	Yes/No	
iv)	OEM should be a member of Telecommunications Industry Association (TIA) Information and Communications Technology (ICT) Companies ICT Green Initiative to support energy efficient environment. Supporting documents to be submitted.	Yes/No	
8	Detailed Technical Specification (Section - O) has to be complied in all respect. Brochures with the page number against each compliances to be submitted as per format (Section - O).	Yes/No	
9	The details of Make, Model & Part number (Section - N) to be submitted as per format.	Yes/No	
10	The bidder shall submit a certificate from any of the authorized signatory of the company authorizing a person to sign all relevant papers related to this bid on behalf of the company.	Yes/No	
11	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.	Yes/No	
12	The bidder shall submit Bid Form (Section - G) duly signed by the authorized signatory of the company as per the format enclosed. Deviation in format may not be accepted.	Yes/No	

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

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

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