

WEBEL TECHNOLOGY LIMITED

NOTICE INVITING e-TENDER

Online Tender documents are invited for Setting up of LAN Points in 8 New Govt. Polytechnic Colleges across West Bengal with CAT 6 & Fiber Optics for Directorate of Technical Education & Training from reputed System Integrators having sufficient experience and credentials for successful completion of “**Similar Nature**” of work in a Government Department/PSU/Autonomous Body or any reputed organization. Bidder must have adequate Service Engineer for providing on-site warranty service within the stipulated time.

1.	Tender No. & Date	WTL/TET/LAN/19-20/029 dated 03.01.2020
2.	Tender Version No.	1.0
3.	Brief description of material	Setting up of LAN Points in 8 New Govt. Polytechnic Colleges across West Bengal with CAT 6 & Fiber Optics for Directorate of Technical Education & Training.
4.	Tender Fee	Rs.6000.00 (Rupees Six thousand only). The amount to be transferred electronically as per the details given in Clause – 9, Section - D.
5.	Earnest Money Deposit	Rs.200000.00 (Rupees Two lakh only). The amount to be transferred electronically as per the details given in Clause – 9, Section - D.
6.	Date of Downloading/Sale of Tender document	03.01.2020
7.	Pre-Bid Meeting date & time	10.01.2020 at 11.30 Hrs. <ul style="list-style-type: none">• Only two persons for each intending bidder's organization will be allowed to attend the Pre Bid Meeting.• The person should have proper authorization in respective company Letter Head.• Only queries as per format (Section - M) reaching WTL by 09.01.2020 at 16.00 Hrs. will be taken for decision.• Queries will be sent to Manager (Purchase) (arunava.saha@wtl.co.in) and copy to Ms. Soma Dey (soma@wb.gov.in)/ Ms. Anita Dey (anita.dey@wtl.co.in)/ Mr. Anirban Sen (anirban.wtl@wb.gov.in).
8.	Bid Submission Start date & time	20.01.2020 at 15.00 Hrs.
9.	Last date & time of intimation of EMD & Tender Fee submission	28.01.2020 at 15.00 Hrs.
10.	Last date & time of Bid Submission	27.01.2020 at 12.00 Hrs.
11.	Date & time of Technical Bid Opening	29.01.2020 at 12.00 Hrs.
12.	Venue of Pre-Bid Meeting & submission of EMD & Tender Fee	WEBEL TECHNOLOGY LIMITED (A Govt. of West Bengal Undertaking) Plot - 5, Block – BP, Sector – V, Salt Lake City, Kolkata – 700091.
13.	Contact person	Mr. Arunava Saha, Contact no. 23673403-06, Ext. 212 Ms. Anita Dey, Contact no. 23673403-06, Ext. 231 Ms. Soma De, Contact no. (033) 23392277 Mr. Anirban Sen, Contact no. 9433357987

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1. Intending bidder may download the tender documents from the website **<https://wbtenders.gov.in>** directly with the help of Digital Signature Certificate. Necessary cost of tender fee may be remitted through electronically and also to be documented through e-filing. Cost of Earnest Money Deposit (EMD) may be remitted through electronically and also to be documented through e-filing. The remittance details against Tender Fee & Earnest Money Deposit (EMD) should be emailed to the Manager (Purchase) & Manager (Finance), Webel Technology Limited, Plot – 5, Block – BP, Sector-V, Salt Lake City, Kolkata-700 091 on or before 15:00 Hrs. of 28.01.2020. The details given in Clause – 9, Section – D.
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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SECTION – A

SCOPE OF WORK & SERVICE LEVEL AGREEMENT

Present Scenario

Technical Education, Training & Skill Development Department, GoWB has 66 Polytechnic colleges / campus throughout the West Bengal, which are connected with WBSWAN. All the colleges are having 10 Mbps MPLS link provided by M/s Airtel under WBSWAN project and 34 Mbps point to point leased line from BSNL. Each of the polytechnics colleges are having Router (Cisco), layer 2 switches, 60 no's LAN points and 6 no's access points (A.P) operating through the above mentioned connectivity. The existing WBSWAN MPLS network connectivity provides internet bandwidth through NKN from State Head Quarter (SHQ), Monibhandar, Webel Bhavan.

Project Objective

The main objective of this project is to implement local area network connectivity to connect approximately 90 computer points at 8 newly constructed Government Polytechnic colleges / campus across the State. The LAN points will be distributed in computer laboratories, libraries and administrative offices and may be at different buildings (max. 3 nos.) within the same campus.

Proposed Solution

Technical Education, Training & Skill Development Department, GoWB has come up with 8 newly constructed polytechnic colleges / campus to be connected under WBSWAN backbone. Based on the discussion with the end customer we have divided the project into three parts:

- 1) Depending upon the distance between two or more different buildings in same campus of the polytechnic college, we propose to connect the same with Fiber Optic cable. Backbone of the network in the building to be done with F.O cable and 90 points distributed throughout.
- 2) In the building, we propose to connect the node (computer) from network switch with CAT-6 cable.
- 3) It will be the bidder's responsibility to connect the local LAN with the WBSWAN network. Necessary support & assistance will be provided by WTL in this regard.

Successful bidder should confirm the actual length of the connectivity material (F.O cable / CAT-6 cable) before procurement of the materials. Final ordering quantity/supply will be done based on the final survey report of the L1 bidder. Supply to the end customer to be made along with WTL challans. As per the survey, the quantity of the passive materials may get revised. The length of CAT-6 cable, F.O cable for LAN connectivity is based on our estimated cable length. The final invoicing will be based on the ACTUAL CABLE LENGTH USED.

Bidder has to undertake necessary LAN cabling as per industry standard practices for installing, implementing & commissioning of LAN connectivity under existing WBSWAN backbone.

Bidder should include the required components for cabling & connectors as required for successful laying of CAT-6/OFC including patch panels, LIU, patch cords, RJ-45 casings / PVC conduit etc. as per best practices.

Bidder should propose all requisite materials for successful implementation of LAN connectivity at 8 polytechnic colleges throughout West Bengal. Proper casing should be used for laying of CAT-6 cable / F.O cable in the building premises.

The main backbone of the Network will be through Fiber Optics & preferable 6 Core Single mode Fiber needs to be used so that dependency on intermediate switch/building can be overcome (by LIU patching).

Fiber Optic cables where required to be laid underground shall be laid minimum 1 mtr. below the finished ground level inside the medium gauge HDPE pipe and shall be provided with at least 50mm sand cushioning

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both at top and bottom of the HDPE pipe. For safety, bricks to be laid over the top 50mm sand cushioning of the HDPE pipe. Depending on the soil & ground condition, depth can be adjusted on mutual understanding & getting proper approval. The 10-inch side of the bricks shall be placed perpendicular to the HDPE pipe. After cable laying, the trenches shall be back filled and well rammed, consolidated and sufficient allowance made for settlement. For crossing of Road/Concrete etc. the cable shall be laid inside GI pipe. Medium duty GI pipe should be used for all Road/Concrete. In each cable run, some extra length shall be kept at suitable points to enable one or two straights through joints in future. When a number of cables are laid together, the extra cable length shall be adjusted to stagger the straight through joints. Suitable cable route markers shall be provided at a distance of every 100 to 150 meters on the cable route and also at places or corners wherever the route of the cable changes.

For overhead Cables outside the office building, Fiber Optic cables shall be reinforced with metal wire of suitable gauge and to be laid directly inside the HDPE pipe of necessary dia. HDPE pipes shall be firmly supported in position by means of heavy gauge saddles. Each cable shall be individually attached to the respective termination panel by mechanical means. Each fiber cable shall be stripped upon entering the termination panel an individual fiber routed in the terminal panel. Each cable shall be clearly labelled at entrance to the termination point. Cables labelled within the bundle shall not be acceptable. Dust cap shall be provided on the connector cup link. GI pipes shall be used for routing cables embedded through concrete/foundation/floors/ walls in buildings. GI pipe shall be of medium gauge. Termination and distribution of fiber optic cable shall be carried out by fusion splicing. Inside the room fiber cable can be laid through PVC Casing for maintaining the beauty of the room (whenever necessary)

For indoor surface UTP cable laying & termination, PVC Casing Capping/ PVC pipe of suitable size shall be employed. Flexible metallic pipe (GI) shall be used for wall/floor embedding and for crossing the existing wiring. PVC Casing Capping/ PVC pipe shall be medium duty type. The cable shall be dressed and terminated in accordance with the recommendations made in the relevant TIA/EIA standard document, manufacturer's recommendation and/or best industry practices. Bend radius of the cable in the termination area shall not be less than 4 times the outside diameter of the cable. Cable jacket shall be maintained as close as possible to the termination point. Cable shall be neatly bundled and dressed to their respective panels or blocks. Each panel or block shall be fed by an individual bundle separated and dressed back to the point of cable entrance into the rack. Each cable shall be clearly labelled on the cable jacket behind the patch panel at a location that can be viewed clearly without removing the bundle support ties. Cables shall be installed in continuous length from origin to destination and the length shall generally not exceed 80 meters. An axial spacing of 150mm (minimum) shall be maintained between power and network cable. Cables shall not be attached to lighting support wires. A self-adhesive label or PVC marker ferule shall be used to identify cables and similar label/marker shall be used at both ends of the cable.

Please note that installation and commissioning of solution with 3 years onsite comprehensive warranty for switch, transceiver, UPS as mentioned in the BOM will be provided by the L1 bidder. Failing which the respective manufacturer must be responsible for support and software upgrades (IOS etc. if available) of their products for at least 5 years. For Fiber Optic connectivity all necessary cables, connectors will be supplied by the L1 bidder for successful LAN connectivity and will be maintained for 3 years duration. Laying of fiber optic cables will be ascertained at the time of installation of the connectivity between two buildings in same campus to maintain shortest route either overhead or underground. For overhead laying of F.O cable the successive bidder should follow the standard industry practice. Inside the building, Fiber Optic cable will be laid throughout the wall with proper HDPE pipe (ISI mark). In case of road crossing laying of F.O cable, proper trenching is to be done for connecting the buildings. Proper ferruling / tagging of I/O box, network diagram, distribution of LAN points at existing switch (D-Link) and proposed switch (Cisco), dressing of racks (existing & proposed) is the responsibility of L1 bidder.

The power to the 9U Rack (containing router) of concern colleges will be fed from the 2 KVA UPS systems. All other rack to be powered from 1 KVA UPS. The power plugs / points for each UPS system shall be done by the concern polytechnic authority at the respective position. It's the L1 bidder's responsibility to identify & mark the

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position of rack so that the college authority can arrange the necessary power point at the time of initial survey & get those papers documented.

Bill of material mentioned in the RFP is the minimum requisite for 8 new polytechnic colleges in total.

WBSWAN Integration: Supply, install & integrate with WBSWAN is the scope of L1 bidder. Please note that L1 bidder should rearrange the network with the proposed network as instructed by WBSWAN team (implementing agency) time to time throughout at the time of installation. No further communication regarding cost involvement will be entertained for implementation of the services. Execution of the project and necessary configuration of network switch to be done in all respect & tested by the vendor as per the direction of end customer (Technical Education, Training & Skill Development Department (GoWB) / WBSWAN team time to time during installation/warranty period. Setting up the IP address at the Desktop computer / networking equipment is the scope of successive bidder. For this you may contact with core team of WBSWAN SHQ (State Head Quarter). Warranty of the material for the 8 locations will start after complete installation and acceptance from the customer.

Acceptance: After successful installation & Commissioning, installation report prepared by WTL (Webel Technology Limited), signed and sealed by appropriate authority of concern polytechnic colleges to be submitted.

Bidder is advised to visit any of the existing polytechnic college before submitting the bid document to evaluate proper solution components if required which is not included In the BOM and provide any additional materials, services etc. required to deliver to meet the project objectives. No further communication regarding cost involvement will be entertained at the time of implementation of the project.

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SECTION – B

ELIGIBILITY CRITERIA

1. The bidder must be a company registered under Companies Act, 1956/2013 or Partnership or LLP or OPC or Proprietary Firm. Documentary evidence to be submitted.
2. The bidder should have their presence in Kolkata with own office. Valid proof should be submitted along with the bid.
3. The bidder should have valid GST Registration Number & PAN. Bidder shall have to submit photocopy of the documents.
4. The bidder shall have executed "Similar Nature" of single order (implementation of LAN & CAMPUS AREA NETWORK across India) an amount not less than Rs. 25.00 Lakh. in last three financial years (considering FY – 2016-17, 2017-18 & 2018-19) in Government department/PSU/Autonomous Body any reputed organization. References order copy for the project to be provided.

Or

The bidder shall have executed "Similar Nature" of two orders (implementation of large LAN & CAMPUS AREA NETWORK across India) an amount not less than Rs.35.00 Lakhs in total in last three financial years (considering FY – 2016-17, 2017-18 & 2018-19) in Government Department/PSU/Autonomous Body/Any reputed organization. References order copy for the project to be provided.

5. Bidder should have local call center number. Call Center details with number & detailed escalation matrix to be submitted.
6. The bidder should have an average annual turnover of not less than Rs.5.00 Crore in the last three financial years (FY – 2016-17, 2017-18 & 2018-19). Bidder shall have to submit photocopy of Audited Accounts in support of their claim.
7. Bidder should transfer Earnest Money Deposit (EMD) of Rs. 200000.00 (Rupees Two lakh only) electronically to Webel Technology Limited as per the details given in Clause – 9, Section - D.
8. Bidder should transfer Tender Fee of Rs. 6000.00 (Rupees Six thousand only) electronically to Webel Technology Limited as per the details given in Clause – 9, Section - D.
9. The bidder shall have Quality Certificate (ISO 9001:2015 and TL 9000). Copy of valid Certificates to be submitted.
10. The bidder shall submit Bid Form (Section – F) duly signed by the authorized signatory of the company as per the format enclosed. Deviation in format may not be accepted.
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. Declaration on bidder's letter head to be submitted.
12. The bidder shall not be declared bankrupt / file for bankruptcy within last 2 years. Declaration on bidder's letter head to be submitted.
13. The bidder should have valid telecom license to provide MPLS (VPN) services and infrastructure under the licence of Govt. of India or an NLD. The license should be valid for at least three years. Copy of license to be submitted.
14. The bidder must have a minimum of Three (3) years' experience in the design, implementation, optimization, management and support of MPLS technology. Copy of orders to be submitted.
15. The bidder must have implemented MPLS connectivity to minimum three (3) clients with one (1) implementation in Govt / Public Sector in India with a network of minimum 20 offices. Copy of orders to be submitted.

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SECTION – C

DATE AND TIME SCHEDULE

Sl. No.	Particulars	Date & Time
1	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	03.01.2020
2	Documents download/sale start date (Online)	03.01.2020
3	Last Date and time of sending the queries (Offline)	09.01.2020 at 16.00 Hrs.
4	Pre Bid Meeting at WTL Office (Off Line)	10.01.2020 at 11.30 Hrs.
5	Corrigendum, if any will be published (On Line)	-
6	Bid Submission start date & time (On line)	20.01.2020 at 15.00 Hrs.
7	Last Date & time of submission of Earnest Money Deposit & submission of remittance details	28.01.2020 at 15.00 Hrs.
8	Last Date & time of submission of Tender Fee & submission of remittance details	28.01.2020 at 15.00 Hrs.
9	Bid Submission closing date & time (On line)	27.01.2020 at 11.00 Hrs.
10	Bid Opening date & time for Technical Proposals (Online)	29.01.2020 at 12.00 Hrs.
11	Date of uploading the final list of Technically Qualified Bidder (online) after disposal of appeals, if any	-
12	Date for opening of Financial Bid (Online)	-

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SECTION – D

INSTRUCTION TO BIDDER

1. DEFINITIONS

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

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

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

“Bidder” means any firm offering the solution(s), service(s) and /or materials required in the RFP. The word Bidder when used in the pre award period shall be synonymous with Bidder, and when used after award of the Contract shall mean the successful Bidder with whom WTL signs the agreement for supply, install, commission and render services for the systems.

“Contract” is used synonymously with Agreement.

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

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

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

“Installation” shall mean Setting up of LAN Points in 8 New Govt. Polytechnic Colleges across West Bengal with CAT 6 & Fiber Optics.

“Fraudulent Practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract and includes collusive practice among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificial noncompetitive levels and to deprive the benefits of free and open competition.

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

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

“GoI” shall stand for the Government of India.

“GoWB” means Government of West Bengal

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

“TET” means Directorate of Technical Education & Training, GoWB.

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

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“Project” means Setting up of LAN Points in 8 New Govt. Polytechnic Colleges across West Bengal with CAT 6 & Fiber Optics for Directorate of Technical Education & Training.

“Project Plan” means the document to be developed by the Contractor and approved by WTL, based on the requirements of the Contract and the Preliminary Project Plan included in the Contractor’s bid. For the sake of clarity, the Agreed and Finalized Project Plan” refers to the version of the Project Plan submitted by the contractor after receiving the letter of Award and the same approved by WTL. The project plan may be changed/ modified during the course of the project. Should the Project Plan conflict with the provisions of the Contract in any way, the relevant provisions of the Contract, including any amendments, shall prevail.

“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 Setting up of LAN Points across West Bengal with CAT 6 & Fiber Optics.

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

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

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

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

“Period of Agreement” means 3 years from the date of Final acceptance of the Project.

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

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

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

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

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

2. PRE BID MEETING

Pre Bid Meeting will be held on 10.01.2020 at 11.30 hrs. at premises of WTL. Bidder can send their queries as per format (Section - M) to Manager (Purchase) (arunava.saha@wtl.co.in) and copy to Ms. Soma Dey (soma@wb.gov.in) / Ms. Anita Dey (anita.dey@wtl.co.in) / Mr. Anirban Sen (anirban.wtl@wb.gov.in). Only the queries received within the stipulated date prior to the Pre Bid Meeting will be answered. The entrance to the Pre Bid Meeting will be limited to two persons per bidder and carrying valid authorization letter on official letter head bearing company seal.

3. COST OF BIDDING

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

4. BID DOCUMENT

Bidder is expected to examine all instructions, forms, terms and requirement in the bid document. The invitation to bid together with all its attachment thereto shall be considered to be read, understood and accepted by the bidder unless deviations are specifically stated in the seriatim by the bidder. Failure to furnish all information required by the bid document or a bid not substantially responsive to the bid document in every respect may result of the bid.

5. AMENDMENT OF BID DOCUMENT

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

6. MODIFICATION AND WITHDRAWAL OF BIDS

The bidder cannot modify or withdraw its bid after submission.

7. LANGUAGE OF BID & CORRESPONDENCE

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

8. BIDDER'S SOLUTION

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

9. EARNEST MONEY DEPOSIT (EMD)

The bidder shall furnish Tender Fee of Rs. 6000.00 (Rupees Six thousand only) and EMD of Rs. 200000/- (Rupees Two lakh only) by transferring the amount electronically to the undernoted Bank Account.

ACCOUNT NAME: WEBEL TECHNOLOGY LIMITED

BANK NAME: SYNDICATE BANK

CURRENT A/C NO: 95981010003870

IFS CODE: SYNB0009760

MICR: 700025048

The bidder has to intimate the details of Remittance such as Tender No. / Tender Date / Tender Fee Amount / EMD Amount / UTR No. of Transaction(s) / Transaction Date, etc. through email to Mr. Rupak Roy – (rupak.roy@wtl.co.in) and copy to Mr. Arunava Saha – (arunava.saha@wtl.co.in) & Ms. Anita Dey – (anita.dey@wtl.co.in) prior to the opening of the bid.

The bidder shall also furnish the details of Tender Fee & EMD submission in the bid document. In absence of payment details prior to Bid Opening, then the bid will be considered as invalid bid. Any bid not accompanied with the EMD & Tender Fee shall be rejected.

The bidders are also requested to furnish the Bank Account details (Name of the Bank, Account Number, IFS Code, etc) for refund of EMD in case of unsuccessful bidder.

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10. FORFEITURE OF EMD

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

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

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

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

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

- a) Accept the work order along with the terms and conditions.
- b) Furnish performance security.
- c) Violates any of the work conditions of this proposal or indulges in any such activities as would jeopardize the work.
- d) Submitting false/misleading information/declaration/documents/proof/etc.

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

11. FORMS AND FORMATS

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

12. LACK OF INFORMATION TO BIDDER

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

13. CONTRACT EXECUTION

On receipt of the Letter of Award the contractor should submit a Performance Bank Guarantee (PBG) equivalent to 10% of the total contract value within three weeks from the date of receipt of Letter of Award/Order. The PBG should be valid for six month more than the warranty period. All delivery of the material will have to be completed within 45 days from the date of acceptance of contract and the contractor has to ensure all activities leading to the commissioning of the contract to be completed within 90 days from the date of award. Subsequent to the award of contract, the contractor will have to arrange for the requisite material as per BOM.

14. TIME SCHEDULE FOR DELIVERY & INSTALLATION

The total delivery, installation & commissioning will have to be completed within two months from the date of Order.

15. LIQUIDATED DAMAGE

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

16. LIABILITY

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

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

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

17. 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.

18. SUSPENSION OF WORK

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

19. TERMS OF PAYMENT

Payment terms will be on back-to-back basis, i.e., payment will be made only on receipt of payment from relevant customer i.e., Directorate of Technical Education & Training.

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.

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21. CORRUPT OR FRAUDULENT PRACTICES

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 workman employed by the contractor, is payable, then this should be done by the Contractor. If WTL is obliged to make any compensation under the said rules and acts, then the amount shall be recovered without prejudice, from the bills and due of the Contractor. WTL shall not be bound to contest any claim made against the Contractor in respect of workmen's compensation.

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. The Contractor shall see that all authorized Sub Contractors under him similarly complied with the above requirement.

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

27. SUB-CONTRACT

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

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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 PBC.

29. BANKRUPTCY

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

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

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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 Bidder/OEM will warranty for all equipments/ services for 3 years from the date of implementation/ acceptance and that the products supplied under the contract are newly made and are free from defects in the design, engineering and workmanship. The bidder would be responsible for the up keep, re-installation, configuration, re-configuration, tuning, documenting and maintenance of the infrastructure and necessary deliverables under the scope of work during the entire warranty period of three years for all items of BOM from the date of final acceptance of the system by the customer. The bidder shall not, without the express prior written consent of WTL, assign to any third party of the contract or part thereof. Service support for the entire warranty period will be on site and comprehensive (including spares) and free of cost for the entire warranty period.

33. WARRANTY SUPPORT

The total system will be warranted against bad workmanship and manufacturing defects for 36 months from the date of acceptance of the system whole or part. Service support for the entire warranty period will be on site and comprehensive (including spares and all other support) and free of cost for the entire warranty period. The bidder should have a call centre 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. Maximum response time – Next Business day (NBD). Call resolution time – 48 hrs maximum. 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.

34. PERFORMANCE BANK GUARANTEE (PBG)

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

35. SI/BIDDER/CONTRACTOR'S RESPONSIBILITIES

Refer Section - A

36. NO WAIVER OF RIGHTS

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

37. 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.

38. 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.

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39. TAXES & DUTIES

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

40. 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.

41. BID DUE DATE

The 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.

42. LATE BID

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

43. OPENING OF BID BY WTL

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

44. 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.

45. 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.

46. BID CURRENCIES

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

47. PRICE

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

48. 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.

49. NON-TRANSFERABILITY OF TENDER

This tender document is not transferable.

50. 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.

51. 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.

52. 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.

53. 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.

54. PREPARATION OF TENDER

Tender shall be submitted in accordance with the following instructions:

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

55. 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.

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56. 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.

57. 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.

58. FINAL INSPECTION

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

59. LOCATION DETAILS

Details as per Section - Q.

60. SITE INSPECTION

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

61. QUALITY CONTROL

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

62. 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").

63. 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.

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- b) All the documents to be submitted by the bidder along with their offer should be duly authenticated by the person signing the offer and if at any point of time during procurement process or subsequently it is detected that documents submitted are forged/tampered/manipulated in any way, the total responsibility lies with the bidder and WTL reserves the full right to take action as may be deemed fit including rejection of the offer and such case is to be kept recorded for any future dealing with them.
- c) No Technical/Commercial clarification will be entertained after opening of the tender.
- d) Overwriting and erasures may make the tender liable for rejection if each of such overwriting/erasures/manuscript is not only signed by the authorized signatory of the bidder. All overwriting should be separately written and signed by the authorized signatory of the bidder.
- e) Quantity mentioned in the tender document is indicative only and orders shall be placed subject to actual requirement. WTL reserve the right to increase or decrease the quantity specified in the tender.
- f) WTL reserve the right to reject or accept or withdraw the tender in full or part as the case may be without assigning the reasons thereof. No dispute of any kind can be raised the right of buyer in any court of law or elsewhere.
- g) WTL reserve the right to ask for clarification in the bid documents submitted by the bidder. Documents may be taken if decided by the committee.
- h) No dispute by the bidders in regard to Technical/Commercial points will be entertained by WTL and decision taken by the Tender Committee will be final.
- i) Discrepancy in the amount quoted by the bidder due to calculation mistake, the unit rate shall be regarded as firm and the totaling or carry in the amount quoted by the bidder shall be corrected accordingly.
- j) The price offers shall remain firm within the currency of contract and no escalation of price will be allowed.
- k) The acceptance of the tender will rest with the accepting authority who is not bound to accept the lowest or any tender and reserves the right to reject in part or in full any or all tender(s) received and to split up the work among participants without assigning any reason thereof.
- l) The customer/WTL at its discretion may extend the deadline for the submission of Bids.
- m) The Court of Kolkata only will have the jurisdiction to deal with and decide any legal matters or dispute whatsoever arising out of the contract.

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SECTION – E

TECHNO COMMERCIAL EVALUATION & AWARDING OF CONTRACT

1. EVALUATION PROCEDURE

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

2. FINAL EVALUATION

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

3. AWARDING OF CONTRACT

An affirmative Post Qualification determination will be prerequisite for award of the contract to the most overall responsive bidder. A negative determination will result in rejection of bidder's bid, in which event the WTL will proceed to the next lowest evaluated bidder to make a similar determination of that bidder's capability to perform satisfactorily. WTL will award the contract to the successful bidder whose bid has been determined to be substantially responsive after final negotiation may held with the most responsive bidder, if required. This is a turnkey job in a nature, so bidder(s) to quote all the items mentioned in the tender document, which can ensure single point contact / sole responsibility of the bidder(s) towards project execution. The successful bidder (s) will have to give security deposit in the form of Performance Bank Guarantee.

4. POST QUALIFICATION

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

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SECTION – F

BID FORM

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

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

Sub: Setting up of LAN Points in 8 New Govt. Polytechnic Colleges across West Bengal with CAT 6 & Fiber Optics for Directorate of Technical Education & Training.

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/TET/LAN/19-20/029 dated 03.01.2020, do hereby propose to execute the job as per specification as set forth in your Bid documents.
2. The prices of all items stated in the bid are firm during the entire period of job irrespective of date of completion and not subject to any price adjusted as per in line with the bidding documents. All prices and other terms & conditions of this proposal are valid for a period of 180 (one hundred eighty) days from the date of opening of bid. We further declare that prices stated in our proposal are in accordance with your bidding.
3. We confirm that our bid prices include all other taxes and duties and levies applicable on bought out components, materials, equipments and other items and confirm that any such taxes, duties and levies additionally payable shall be to our account.
4. Earnest Money Deposit: We have enclosed the EMD remittance details for a sum of Rs. 2,00,000/-.
5. We declare that items shall be executed strictly in accordance with the specifications and documents irrespective of whatever has been stated to the contrary anywhere else in our proposal. Further, we agree that additional conditions, deviations, if any, found in the proposal documents other than those stated in our deviation schedule, save that pertaining to any rebates offered shall not be given effect to.
6. If this proposal is accepted by you, we agree to provide services and complete the entire work, in accordance with schedule indicated in the proposal. We fully understand that the work completion schedule stipulated in the proposal is the essence of the job, if awarded.
7. We further agree that if our proposal is accepted, we shall provide a Performance Bank Guarantee of the value equivalent to ten percent (10%) of the Order value as stipulated in Financial Bid (BOQ).
8. We agree that WTL reserves the right to accept in full/part or reject any or all the bids received or split order within successful bidders without any explanation to bidders and his decision on the subject will be final and binding on Bidder.

Dated, thisday of2020

Thanking you, we remain,

WEBEL TECHNOLOGY LIMITED

Yours faithfully

.....
Signature

.....
Name in full

.....
Designation

Signature & Authorized Verified by

.....
Signature

.....
Name in full

.....
Designation

.....
Company Stamp

WEBEL TECHNOLOGY LIMITED

SECTION – G

GUIDANCE FOR E-TENDERING

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

1. Registration of Bidder:

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

2. Digital Signature Certificate (DSC):

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

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

4. Participation in more than one work:

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

5. Submission of Tenders:

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

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

Techno Commercial Cover:

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

1. Copy of Remittance details of Earnest Money Deposit (EMD)
2. Copy of Remittance details of Tender Fee

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

1. N I T Declaration duly stamped & signed in bidder's letter head, Section – P
2. Bid Form as per format (Section – F)

Technical Compliance (scanned & join in pdf format then upload)

1. Technical Specification with Compliance Statement (Section – I)
2. Documents as per Section - B

Financial Cover:

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

NON-STATUTORY COVER (MY SPACE) CONTAIN FOLLOWING DOCUMENT:

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

WEBEL TECHNOLOGY LIMITED

Sl. No.	Category Name	Sub Category Name	Sub Category Description
A	CERTIFICATES	A1. CERTIFICATES	<ul style="list-style-type: none"> • GST Registration Number • PAN • Document as per Section – B
B	COMPANY DETAILS	B1. COMPANY DETAILS 1	<ul style="list-style-type: none"> • Document as per Section – B • Declaration as per Section – B
		B2. COMPANY DETAILS 2	<ul style="list-style-type: none"> • Company Profile (Not more than 3 pages) • ISO Certificate as per Section – B
C	CREDENTIAL	CREDENTIAL 1	<ul style="list-style-type: none"> • Order copies as per Section – B
		CREDENTIAL 2	<ul style="list-style-type: none"> • Product brochure • Other documents, if any
D	DECLARATION	DECLARATION 1	<ul style="list-style-type: none"> • List of Clients as per format (Section – N) • Financial Capability of Bidder as per format (Section – K)
		DECLARATION 2	<ul style="list-style-type: none"> • Other documents, if any
		DECLARATION 3	Bidder's Details as per format (Section – L)
		DECLARATION 4	Details of Order as per format (Section – J)
		DECLARATION 5	Declaration as per Section – B
F	FINANCIAL INFO	P/L & BALANCE SHEET 2016-2017	P/L & BALANCE SHEET 2016-2017
		P/L & BALANCE SHEET 2017-2018	P/L & BALANCE SHEET 2017-2018
		P/L & BALANCE SHEET 2018-2019	P/L & BALANCE SHEET 2018-2019

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SECTION – H

BILL OF MATERIAL

Sl. No.	Item Description	Qty	Unit
A	BOQ FOR NETWORK ENCLOSURE		
1	Network Rack: 19" 9U with at least 600 X 600 Rack with Tray, Power Strip, Cooling Fan, cable manager and accessories, All equipments housed properly with door closed condition (specially Cisco 4331), air circulation & properly locking system with key	40	No.
B	BOQ FOR FIBER PRODUCT		
1	6 Core SM Fiber Cable	2000	Mtr.
2	24 Port LIU fully Loaded	8	No.
3	6 Port LIU fully Loaded	32	No.
4	LC-LC SM Patch Cord 2mtr. Duplex	64	No.
5	Optical Transceiver: 1G Long Haul single mode fiber module	64	No.
C	BOQ FOR UTP CAT 6 PRODUCTS & ACCESSORIES		
1	Supply of CAT6 UTP Cable (1 Box=305Mtr.)	29280	Mtr.
2	Supply of CAT-6 UTP Jack with Hinged dust cover and strain relief and bend limiting boot	720	No.
3	Supply of 1-port British Style Face Plate	720	No.
4	Supply of Back Box for 1 port British Style Face Plate	720	No.
5	Supply of Factory crimped CAT6 Patch Chord- 1 Mtr.	736	No.
6	Supply of Factory crimped CAT6 Patch Chord- 2 Mtrs.	736	No.
7	24-Port Fully Loaded Cat 6 Patch Panel	40	No.
D	NETWORKING COMPONENTS AND UPS		
1	ROUTER WITH LICENSE AND WARRANTY		
a)	Router with 2 WAN Slots, 3 ethernet ports, with license for failover between two links and all related accessories & cables	8	No.
b)	3 years onsite warranty for Router	8	No.
2	L2 SWITCH - GigE & PoE		
a)	Layer 2 switch with 24 port GigE, 4 X 1G SFP, with Indian power cord, switch fixing accessories, console cable	40	No.
b)	Warranty for Switch: 8x5xNBDx3 years on-site comprehensive warranty	40	No.
3	UPS (ONLINE & OFFLINE UPS)		
a)	2 KVA Online UPS with surge protection and AC - DC convertor and 30 Minutes Battery Backup (UPS 3 Years Comprehensive on-site warranty & battery rack, interlink cable & accessories)	8	No.
b)	UPS Battery: 12 V, 26 AH battery for running above UPS for 30 minutes on full load for 2 years on-site comprehensive warranty & interlink cable	48	No.
c)	1 KVA True Online UPS with surge protection and AC - DC convertor and 30 Minutes Battery Backup (UPS 3 Years Comprehensive on-site warranty) with battery rack, interlink cable & accessories)	32	No.
d)	UPS Battery: 12 V, 26 AH battery for running above UPS for 30 minutes on full load for 2 years on-site comprehensive warranty	96	No.
E	BOQ FOR SERVICE FOR PASSIVE COMPONENTS		
1	Laying of UTP Cable with PVC conduits / PVC Casing	3660	Mtr.
2	Installation & Termination of Patch Panel	40	No.
3	Fixing & Termination of I/O	720	No.
4	Installation & dressing of Rack along with Switch & accessories	40	No.
5	Laying of FO Cable (6 Core) with soft & hard Road cutting & digging & filling &	600	No.

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	supplying of HDPE & Gi & PVC Pipe & with testing & termination & necessary splicing		
6	OFC Laying within building with HDPE / PVC/Conduit pipe & proper casing as required with testing & termination & necessary splicing	800	No.
7	OFC Laying (Overhead) with stay wire & PVC & necessary accessories with testing & termination & necessary splicing	600	Mtr.

Note

1. The length of CAT 6 Cable for LAN & FIBRE OPTICS CABLE is based on our estimated cable length. The final invoicing will be done based on ACTUAL CABLE LENGTH USED.
2. All Hardware, Networking & Cabling will come with three years warranty & Active product comes with three years warranty against manufacturing defects.
3. Physical damage of cable, equipments & battery (except normal wear and tear) does not come under warranty.
4. 10 % TO 15% +/- addition/alteration in order quantity may vary.
5. Delivery within 4 to 6 weeks from the order and completion within next 3 weeks.

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SECTION - I

TECHNICAL SPECIFICATION WITH COMPLIANCE STATEMENT

(Tender No. WTL/TET/LAN/19-20/029)

Minimum Specification for 9U Network Rack

Qty.	
Make	
Model	
Part No.	

Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
19" 9U wall mounting rack with all cables & tray, Power Strip, Cooling Fan & accessories input power strip & chassis ground with usable depth minimum 600mm. All equipment housed properly, air circulation & properly locking system with key.		

Minimum Specification of 6 Core Fiber outdoor armored SM cable, OS2

Qty.	
Make	
Model	
Part No.	

Sl. No.	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
1	6 / 12 fiber Single Mode, Armoured, Loose-tube, Gel filled cable complying to ISO/IEC 11801, EN50173, ANSI/TIA 568-C.3; suitable for use in direct burial, outdoor ducts and backbone cabling		
2	Single Mode, 9/125-micron primary coated buffers, OS2 (IEC 60793-2-50, B1.3 and ITU T G652.d)		
3	Armour: Corrugated Steel Tape Armour of min. 0.15 mm thickness		
4	Cable Construction Type: BELLCORE GR 20 / IEC 794-1		
5	Attenuation @ 1310nm <=0.34 db/Km MAX		
	Attenuation @1550nm <=0.22 db/Km MAX		
	Attenuation @ 1380-1386nm <= 0.31db/Km		
6	Loose tube material: Single PBTP Loose tube filled with water blocking Thixotropic gel		
7	Jacket material: HDPE outer jacket 2mm thickness		
8	Strength members: water Swellable glass warn strength members		
9	Tensile Strength: 1250 N		
10	Crush Resistance: 3000 N		
11	Min Proff Strength (Kpsi): 100		
12	Cable Diameter: 10.0 + - 0.5 mm		
13	Operating Temp: -40 Degree C to +70 Degree C		
14	Single mode fiber should be equivalent or higher to		

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	652.D standard and single mode OS2. “3rd Party Tests: Must be approved by Intertek ETL labs/ any Govt Labs. (Certificate to be submitted in due course).568C Fiber channel requirement. (Intertek certificate should be submitted)		
15	Shall have ISO 9001:2008 & ISO 14001 certified manufacturing facility in India.		
17	Support: Product shall have minimum 1 RCDD certified manpower in India along with local OEM technical manpower available in West Bengal.		
18	Compatibility: All Copper and Fiber component must be from same OEM.		

Minimum Spec for 6 Port Fully Loaded Rack Mountable LIU

Qty.	
Make	
Model	
Part No.	

Sl. No.	Minimum Specification	Specification (Quoted / Applicable - by the bidder)	Complied (Yes / No)
1	Fiber patch panel shall be for use with standard cabling or blown fiber systems and have 19” mounting facility with movable drawer and integrated fiber management		
2	Material power coated steel housing drawer style easy access.		
3	Density: Port Density: 1U: 6 Port Fiber terminations		
4	Termination type: LIU shall have knocks-outs to enable termination of loose-tube or tight buffered cables		
6.	Standard Compliance: ISO 11801 and EN6008-2		
7	Adapter: Duplex type shall be supplied with SC SM 6 core fiber.		
8	Pigtail: SC SM type fiber pigtails, 1.5 mtr long to be supplied with shelf.		

Minimum Spec for 24 port Fully Loaded Rack Mountable LIU

Qty.	
Make	
Model	
Part No.	

Sl. No.	Minimum Specification	Specification (Quoted / Applicable - by the bidder)	Complied (Yes / No)
1	Fiber patch panel shall be for use with standard cabling or blown fiber systems and have 19” mounting facility with movable drawer and integrated fiber management		
2	Material power coated steel housing drawer style easy access.		
3	Density: Port Density: 1U: 6 Port Fiber terminations		
4	Termination type: LIU shall have knocks-outs to enable termination of loose-tube or tight buffered cables		
5	Standard Compliance: ISO 11801 and EN6008-2		

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6.	Adapter: Duplex type shall be supplied with SC SM 6 core fiber.		
7	Pigtail: SC SM type fiber pigtails, 1.5 mtr long to be supplied with shelf.		
8	Fiber patch panel shall be for use with standard cabling or blown fiber systems and have 19" mounting facility with movable drawer and integrated fiber management		

Minimum Spec for LC to LC Patch Cord

Qty.	
Make	
Model	
Part No.	

Sl. No.	Minimum Specification	Specification (Quoted / Applicable - by the bidder)	Complied (Yes / No)
1	LC to LC Duplex tuned Fiber Optic Patch Cord 3 Mtr, 9/125 Micron		
2	Cable Diameter: 3.6 mm twin zip		
3	Insertion Loss: MAX .3 db		
4	Return Loss: > 45 db		
5	Temperature Range: -25 Degree C to +70 Degree C		
6.	ROHS/ELV Compliant		

Minimum Specification of CAT 6 UTP Cable

Qty.	
Make	
Model	
Part No.	

Sl. No.	Minimum Specification	Specification (Quoted / Applicable - by the bidder)	Complied (Yes / No)
1	Unshielded Twisted Pair, Category 6, ANSI/TIA 568 C.2 & ISO/IEC 11801 2nd edition.		
2	23 AWG Solid bare copper		
3	LSZH jacket complying to: Acid gas IEC 60754-2 Smoke density IEC 61034-2		
4	Cross-member (+) fluted Spline.		
5	Shall be 4 connector channels certified by Intertek (ETL) labs for ANSI/TIA 568-C.2 CAT6 requirement tested to 600 Mhz. (Intertek certificate for ETL 4 connector channel should be submitted)		
6	Performance spec minimum 600 MHz to be mentioned in datasheet;		
7	ROHS Compliant		
8	Shall have ISO 9001:2008 & ISO 14001 certified manufacturing facility in India.		
9	Support: Product shall have minimum 1 RCDD certified manpower in India along with local OEM technical manpower available in West Bengal.		

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10	All Copper and Fiber components must be from same OEM.		
Minimum Specification of CAT 6 24 Port Fully Loaded JACK PANEL			
Qty.			
Make:			
Model			
Part No.			
Sl. No.	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
1	24-port, Modular, 1U, Unshielded Twisted Pair, PCB based, Category 6, TIA / EIA 568-C.2 and ISO/IEC 11801		
2	Port identification numbers on the front of the panel, panel should be integrated with rare cable manager.		
3	IDC: Suitable for 22-24 AWG stranded and solid wire compatible with both 110 & Krone punch down tools.		
4	Each port / jack on the panel should be individually removable on field from the panel. Configured with individually replaceable CAT-6 Jacks		
5	Integrated bend-limiting and strain-relief unit for cable entry on each port.		
Jack Connector Specification:			
6	Plastic Housing: ABS, UL94V-0 rated		
7	Contact Material: Copper Alloy		
8	Contact Plating: 50µ" Gold plated on plug contact area		
9	Plug Retention Force: 15 lb.		
IDC Connector Specification:			
10	Plastic Housing: Polycarbonate, UL94V-0 rated or equivalent		
11	IDC cap : ABS, UL 94V -0		
12	Contact Material: Copper Alloy		
13	Wire Accommodation: 22-24 AWG solid		
14	Termination Pattern: TIA / EIA 568 A and B;		
15	Brand and company together presence in India should be for last 10 years.		
16	Manufacturing: Shall have ISO 9001:2008 certified manufacturing facility in India.		
17	Support: Product shall have minimum 1 RCDD certified manpower in India along with local OEM technical manpower available in West Bengal.		
18	ROHS/ELV Compliant		

Minimum Specification of CAT 6 Information Outlet (with Keystone, Back Box & Single Face & Single Port Face Plate)			
Qty.		(single port)	
Make			
Model			
Part No.			
Sl. No.	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)

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1	Single Port		
2	Write on labels in transparent plastic window – supplied with plate		
3	Face Plate with shutter		
4	Should be able to support variety of jacks – UTP		
5	Category 6, TIA568 C.2-1 – 250MHz		
6	All information outlets for 100 W, 22-24 AWG copper cable shall:		
7	Shutter is on face plate		
8	Insertion force: 20N max (IEC 60603-7-4)		
9	Information outlet (RJ45 jack) should be covered under UL / ETL listed.		
10	Information outlet should have integrated with bent limiting and strain – relief unit		
11	Jack Specification: Plastic Housing: PCB Based, Polycarbonate/PVC, or equivalent, UL94V-0 rated or equivalent		
12	Operating Life: Minimum 750 insertion cycles as per IEC 60603-7.		
13	Contact Material: Copper alloy		
14	Contact Plating: 50 μinches gold on plug contact area		
15	OEM should be ISO9001 and ISO14001 certified for design, development for LAN & WAN products.		
16	Brand and company together presence in India should be for last 10 years.		
17.	Shall have ISO 9001:2008 & ISO 14001 certified manufacturing facility in India.		

Minimum Specification of CAT 6 1 Mtr. Patch Cord

		Qty.	
		Make	
		Model	
		Part No.	
Sl. No.	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
1	Category 6 UTP Patch Cord – 1 mtr		
2	The Patch Cord shall, at a minimum comply with proposed ANSI/TIA/EIA-568-C.2-1 & ISO/IEC 11801 Commercial Building Cabling Standards Transmission Performance Specifications for 4 pair 100W Category 6 Cabling.		
3	Conductor size: 22- 24 AWG 7 / 32, stranded copper conductors 100 Ohm		
4	Factory fitted Strain relief boots on either side, Cable OD: 6 mm		
5	Contact blade: Phosphor bronze or equivalent		
6	Contact plating: 50μ” Gold		
7	Plug dimensions & tolerances compliant with FCC Part 68.500 and IEC 60603-7		
8	Shall have ISO 9001:2008 & ISO 14001 certified manufacturing facility in India.		
9	OEM should be ISO9001 and ISO14001 certified for design, development for LAN & WAN products.		
10	Brand and company together presence in India should be for last 10 years.		

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Minimum Specification of CAT 6 2 Mtr. Patch Cord			
Qty.			
Make			
Model			
Part No.			
Sl. No.	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Complied (Yes / No)
1	Category 6 UTP Patch Cord – 2 mtr		
2	The Patch Cord shall, at a minimum comply with proposed ANSI/TIA/EIA-568-C.2-1 & ISO/IEC 11801 Commercial Building Cabling Standards Transmission Performance Specifications for 4 pair 100W Category 6 Cabling.		
3	Conductor size: 22- 24 AWG 7 / 32, stranded copper conductors 100 Ohm		
4	Factory fitted Strain relief boots on either side, Cable OD : 6 mm		
5	Contact blade: Phosphor bronze or equivalent		
6	Contact plating: 50µ" Gold		
7	Plug dimensions & tolerances compliant with FCC Part 68.500 and IEC 60603-7		
8	Shall have ISO 9001:2008 & ISO 14001 certified manufacturing facility in India.		
9	OEM should be ISO9001 and ISO14001 certified for design, development for LAN & WAN products.		
10	Brand and company together presence in India should be for last 10 years.		

Minimum Specification of 2 KVA Online UPS with 30 minutes battery backup

Qty.	Nos
Make	
Model	
Part No.	

Technical Specification for 2kVA On Line UPS System				
Parameter	Offered Specification	Required Specification	Complied Yes / No	Remarks
UPS Rating	2kVA / 1600 W			
UPS Type	True Online Double Conversion UPS system with IGBT based Rectifier.			
Input Voltage	UPS having Single phase input with the Voltage Range 110V to 280VAC based on load.			
Input Power Factor	>= 0.99 for 100% load.			
Input Frequency	40Hz to 70Hz			
Output Voltage	200/208/220/230/240 V Single Phase with ±1%			

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Technical Specification for 1kVA On Line UPS System

Output Frequency	50 Hz or 60Hz +/- 0.1 Hz			
Output vTHD	<= 3% for Linear Load			
LCD Display	UPS Should be LCD Status Display			
Efficiency	88% AC Mode			
Crest Factor	3:1			
Waveform	Pure Sine Wave			
Over Voltage Cut off Device	Should be inbuilt into the UPS System			
Battery Block	6 nos SMF battery			
Battery Bank	Battery bank will be suitable for around 30mins battery backup require minimum 1800 VAH. Battery type will be SMF VRLA only. Battery Make Exide / Rocket / Quanta.			
Alarm	Battery Mode, Low Battery, Overload, Fault.			
Environment	Humidity 20-90% RH @ 0-40°C (Non-Condensing). Noise level: < 50dB @ 1mtrs.			
Surge Protection	10kA Surge Protective Device with response time <=25 nano seconds will have to provide at the Input of the UPS system			
Intelligent Monitoring Slot	UPS should have incorporated with Smart RS-232 / USB along with option for SNMP module.			
Certificates Required.	Manufacturer must be ISO 9001:2015 certified. Please enclose Certificate			
	Manufacturer must be ISO 14001:2015 certified. Please enclose certificate			
	Manufacturer must be ISO 27001:2013 certified. Please enclose certificate			
	Manufacturer must be ISO 45001:2018 certified. Please enclose certificate			
	Manufacturer must be OSHAS 45001:2018 certified. Please enclose certificate			

Minimum Specification of 1 KVA Online UPS with 30 minutes battery backup

Qty.	Nos
Make	
Model	
Part No.	

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Parameter	Required Specification	Offered Specification	Complied Yes / No	Remarks
UPS Rating	1kVA / 800 W			
UPS Type	True Online Double Conversion UPS system with IGBT based rectifier.			
Input Voltage	UPS having Single phase input with the Voltage Range 110V to 280VAC based on load.			
Input Power Factor	≥ 0.99 for 100% load.			
Input Frequency	40Hz to 70Hz			
Output Voltage	200/208/220/230/240 V Single Phase with $\pm 1\%$			
Output Frequency	50 Hz or 60Hz +/- 0.1 Hz			
Output vTHD	$\leq 3\%$ for Linear Load			
LCD Display	UPS Should be LCD Status Display			
Efficiency	88% AC Mode			
Crest Factor	3:1			
Waveform	Pure Sine Wave			
Over Voltage Cut off Device	Should be inbuilt into the UPS System			
Battery Block	3 nos SMF battery			
Battery Bank	Battery bank will be suitable for around 30mins battery backup require minimum 936 VAH. Battery type will be SMF VRLA only. Battery Make Exide / Quanta.			
Alarm	Battery Mode, Low Battery, Overload, Fault.			
Environment	Humidity 20-90% RH @ 0-40° C (Non-Condensing). Noise level: < 50dB @ 1mtrs.			
Special Protection	10 kA Surge Protective Device with response time of < 0.5 nano seconds UL listed to provide at the Input of the UPS system			
Intelligent Monitoring Slot	UPS should have incorporated with Smart RS-232 / USB along with option for SNMP module.			
Certificates Required.	Manufacturer must be ISO 9001:2015 certified. Please enclose Certificate			
	Manufacturer must be ISO 14001:2015 certified. Please			

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	enclose certificate			
	Manufacturer must be ISO 27001:2013 certified. Please enclose certificate			
	Manufacturer must be ISO 45001:2018 certified. Please enclose certificate			
	Manufacturer must be OSHAS 45001:2018 certified. Please enclose certificate			
	Bidder if not the manufacturer, must provide Manufacturer's Tender Specific Authorization that the bidder is authorized sales & service provider.			
	Bidder Should be ISO Certified and Business operation in related filed at least 20years in West Bengal. Documents should be attached.			

Minimum Specification for Router with 3 years warranty

Qty.	Nos
Make	
Model	
Part No.	

Sr No	Specifications
1	The Router should support modular architecture, multi-core Processor, internal field replaceable power supply. The Router Should have capabilities to seamless upgrade/replacement (without interrupting running processes and services) for modular interfaces.
2	Router should have 3 x 1G interfaces out of which at least 1 of the interfaces should be capable of supporting either copper or fiber connection (combo port), with 1 interface populated with copper module from day 1 (1000 Base-T SFP transceiver module for Category 5 copper wire.)
3	The Router should support interfaces supported by router like Channelized E1/T1, V.35, G.703, LTE, Gigabit and 10G Ethernet modules to accommodate field upgrades without rebooting the router.
4	The Router should have 2 empty slots for future use. All the routers should be supplied with Indian Power cable & console cable.
5	Router should have minimum 4 GB of active DRAM/RAM and 1 GB Flash. Should support expandability option of DRAM and Flash.
6	The router must support IKEv1, IKEv2, GRE and IPSEC from day 1. The proposed solution in WBSWAN should serve the GRE encryption for traffic from any location to other location on demand and also should able to create GRE tunnel with existing router at SHQ.
7	Router should support 600K IPv4 and IPv6 routes, with 1000 Ipsec tunnel. All the required licenses to be provided along with router from Day 1
8	The router should support 270 mbps of IPSEC Bandwidth, incase required in the future
9	Router should support IGMP v1/v2/v3 and PIM multicast routing

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10	Router should support static Routes, OSPFv2, OSPFv3, BGP4, MBGP, BFD, Policy based routing, IPv4 and IPv6 tunneling. It should also support advanced features like IP SLA, PFR from Day 1.
11	The Router should support Zone Based Firewall feature or an external appliance for the same functionality can be provided.
12	Router should Support Traffic Optimization feature built in the router operating system or an external appliance for the same functionality can be provided.
13	Shall have 802.lp class of service and marking, classification, policing and shaping.
14	Router should support SSHv2, SNMPv2c, SNMPv3 and NTP
15	Routers should support AAA using RADIUS and TACACS+
16	Should have extensive support for IP SLA and best path selection for metrics like delay, latency, jitter, packet loss to assure business-critical IP applications from Day1.
17	The router should support cRTP to compress voice (RTP) streams
18	Router should support monitoring of network traffic with application level insight with deep packet visibility into web traffic, RTP-Based VoIP traffic.
19	Router should have traffic load balancing capability on dual WAN Links based on based on advanced criteria, such as reachability, delay, loss, jitter and bandwidth utilization.
20	Router shall have capability to add on demand IPsec VPN tunnels dynamically established multipoint-to-multipoint IPSEC based spoke-to-spoke VPN tunnels matching traffic conditions
21	Router shall conform to UL 60950 or IEC 60950 or CSA 60950 or EN 60950 Standards for Safety requirements of Information Technology Equipment.
22	Router shall conform to EN 55022 Class A/B or CISPR22 Class A/B or CE Class A/B or FCC Class A/B Standards for EMC (Electro Magnetic Compatibility) requirements.
23	Router/Router's Operating System should be tested and certified for EAL 3/NDPP or above under Common Criteria Certification
24	Router should be IPv6 Certified/IPv6 logo ready
25	The router OEM should be a Gartner Leader/Challenger in Gartner's MQ for Wired and Wireless Infrastructure for a consecutive period of 3 years
26	The router should be supplied with console cables and it should come with 8X5 Next Business Day replacement Support for a period of 3 years

Minimum Specification for layer 2 switch with 3 years warranty

Qty.	Nos
Make	
Model	
Part No.	

Performance Features	The switch should have atleast 24*1G ports with 4*1G uplinks and having a throughput of 56Gbps with forwarding performance of 80 Mpps
	Switch should have 2 GB RAM and 4 GB Flash.
	Shall have minimum 16K MAC Addresses and 1024 active Vlans.
	Switch should have slot/ports (excluding uplinks) for minimum 80 Gbps of stacking bandwidth with dedicated stacking ports and cables with minimum 8 switch in stack
	Switch should be able to support 3000 IPV4 & 1500 IPV6 routing entries.
	Switch should support minimum 512 Switched Virtual Interfaces.
	Layer 2, Routed Access (RIP, EIGRP Stub, OSPF), PBR, PIM Stub Multicas, PVLAN, VRRP, PBR, CDP, QoS, FHS, 802.1X, MACsec-128, CoPP, SXP, IP SLA Responder

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	The proposed switch should be software defined networking capable and be able to atleast integrate easily with the SDN controller from the same OEM.
	Switch should have slot/ports (excluding uplinks) for minimum 80 Gbps of stacking bandwidth with dedicated stacking ports and cables with minimum 8 switch in stack
	The Switch stack should be based on Distributed forwarding Architecture, where in each stack member forwards its own information on network.
	Switch shall support application visibility and traffic monitoring with minimum 16 K netFlow/sflow/jflow entries.
High availability & Resiliency	Switch should support redundant field replaceable platinum rated power supplies.
	Switch should support redundant fans.
	The switch should support IGMP v1, v2 Snooping
	The switch should support MACSec-128
	The Switch should support routing protocols such OSPF, BSR, IS-ISv4, LISP, VXLAN, VRF.
	The Switch should support IPv6 Routing capable protocols such as OSPFv3 in hardware.
	The Switch should support IP Multicast and PIM, PIM Sparse Mode, & Source-Specific Multicast for Wired and Wireless Clients.
	The Switch should support basic IP Unicast routing protocols (static, RIPv1 & RIPv2).
	The switch OEM should be a Leader in the Gartner's MQ for Wired and Wireless Infrastructure for a consecutive period of 3 years
	The switch should be supplied with console cables and it should come with 8X5 Next Business Day replacement Support for a period of 3 years

Authorized Signatory (Signature In full): _____

Name and title of Signatory: _____

Stamp of the Company: _____

WEBEL TECHNOLOGY LIMITED

SECTION - J

DETAILS OF ORDERS EXECUTED BY BIDDER

(Tender No. WTL/TET/LAN/19-20/029)

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

Authorized Signatory (Signature In full): _____

Name and title of Signatory: _____

Stamp of the Company: _____

WEBEL TECHNOLOGY LIMITED

SECTION – K

FINANCIAL CAPABILITY OF BIDDER

(Tender No. WTL/TET/LAN/19-20/029)

FINANCIAL INFORMATION

Sl. No.	Name of the Bidder	Turnover (Rs. / Crores)		
		2016-17	2017-18	2018-19
1				

Authorized Signatory (Signature In full): _____

Name and title of Signatory: _____

Stamp of the Company: _____

Note:

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

WEBEL TECHNOLOGY LIMITED

SECTION – L

BIDDERS'S DETAILS

(Tender No. WTL/TET/LAN/19-20/029)

1	Name of the Firm	
2	Registered Office Address	
	Contact Number	
	Fax Number	
	E-mail	
3	Correspondence / Contact address	
	Name & Designation of Contact person	
	Address	
	Contact Number	
	Fax Number	
	E-mail	
4	Is the firm a registered company? If yes, submit documentary proof	
	Year and Place of the establishment of the company	
6	Former name of the company, if any	
7	<p>Is the firm</p> <ul style="list-style-type: none"> ▪ a Government/ Public Sector Undertaking ▪ a propriety firms ▪ a partnership firm (if yes, give partnership deed) ▪ a limited company or limited corporation ▪ a member of a group of companies, (if yes, give name and address and description of other companies) ▪ a subsidiary of a large corporation (if yes give the name and address of the parent organization). If the company is subsidiary, state what involvement if any, will the parent company have in the project. 	
8	Is the firm registered with Sales Tax department? If yes, submit valid VAT Registration certificate.	
9	Is the firm registered for Service Tax with Central Excise Department (Service Tax Cell)? If yes, submit valid Service Tax registration certificate.	
10	Total number of employees. Attach the organizational chart showing the structure of the organization.	
11	Are you registered with any Government/ Department/ Public Sector Undertaking (if yes, give details)	
12	How many years has your organization been in business under your present name? What were your fields when you established your organization	
13	<p>What type best describes your firm? (Purchaser reserves the right to verify the claims if necessary)</p> <ul style="list-style-type: none"> ▪ Manufacturer ▪ Supplier ▪ System Integrator ▪ Consultant ▪ Service Provider (Pl. specify details) ▪ Software Development ▪ Total Solution provider (Design, Supply, Integration, O&M) ▪ IT Company 	

WEBEL TECHNOLOGY LIMITED

14	Number of Offices in district head quarters in West Bengal	
15	Is your organization having ISO 9001:2015 certificates?	
16	List the major clients with whom your organization has been / is currently associated.	
17	Have you in any capacity not completed any work awarded to you? (If so, give the name of project and reason for not completing the work)	
18	Have you ever been denied tendering facilities by any Government / Department / Public sector Undertaking? (Give details)	

Authorized Signatory (Signature In full): _____

Name and title of Signatory: _____

Company Rubber Stamp: _____

WEBEL TECHNOLOGY LIMITED

SECTION – M

PRE-BID MEETING QUERY

(Tender No. WTL/TET/LAN/19-20/029)

Name of the Bidder:

Queries

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

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

Authorized Signatory (Signature In full): _____

Name and title of Signatory: _____

Company Rubber Stamp: _____

WEBEL TECHNOLOGY LIMITED

SECTION – N

LIST OF CLIENTS OF SIMILAR ORDERS

(Tender No. WTL/TET/LAN/19-20/029)

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

Authorized Signatory (Signature In full): _____

Name and title of Signatory: _____

Company Rubber Stamp: _____

WEBEL TECHNOLOGY LIMITED

SECTION – O

PROFORMA FOR PERFORMANCE BANK GUARANTEE

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

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

Ref Bank Guarantee no.....

Date.....

PROFORMA OF BG FOR SECURITY DEPOSIT

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

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

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

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

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

(6) The Guarantee herein contained shall not be determined or affected by liquidation or winding up or insolvency or closer of the Contractor.

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

WEBEL TECHNOLOGY LIMITED

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

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

SIGNED, SEALED AND DELIVERED

(Stamp of the executants)

WITNESS

1) _____

2) _____

(Name & address in full with Rubber Stamp)

WEBEL TECHNOLOGY LIMITED

INSTRUCTIONS FOR FURNISHING BANK GUARANTEE

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

WEBEL TECHNOLOGY LIMITED

SECTION – P

NIT DECLARATION

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

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

Sub: Setting up of LAN Points in 8 New Govt. Polytechnic Colleges across West Bengal with CAT 6 & Fiber Optics for Directorate of Technical Education & Training.

Dear Sir,

We the undersigned bidder/(s) declare that we have read and examined in details the specifications and other documents of the subject Tender no. WTL/TET/LAN/19-20/029 dated 03.12.20 for Setting up of LAN Points in 8 New Govt. Polytechnic Colleges across West Bengal with CAT 6 & Fiber Optics for Directorate of Technical Education & Training published by Webel Technology Limited in e-Tender website.

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

Thanking you, we remain

Yours faithfully

.....
Signature

.....
Name in full

.....
Designation

.....
Company Stamp

Dated, thisday of2020

WEBEL TECHNOLOGY LIMITED

SECTION – Q

LIST OF LOCATIONS & CONTACT DETAILS

Sl. No.	Name of Institute	Postal address of Polytechnic colleges	Name of Officer-In-Charge	Contact number
1.	Kaliachak Govt. Polytechnic	Kalikapur Bandh, P.O: Badarpur, P.S: Kaliachak, Dist: Malda, West Bengal 732201	Sri Kanchan Sengupta	94344 56223 / 97752 18848
2	Behala Govt Polytechnic	756, Upendra Nath Banerjee Road, PARNASREE, BEHALA, Ward No. 132, Kolkata - 700060	Sri Narendranath Sinha	
3	Canning Govt polytechnic	Vill: Narayanpur, P.O.: Narayanpur, P.S Jibantala, Dist. 24 Parganas (South), PIN 700 138	Sri Biplab Bhowmick	9830067006
4	Mirik Govt Polytechnic	Nije Gaon, Ward No.: 1, P.O. Mirik, Dist. Darjeeling, PIN 734 214	Sri. Joydeep Bhattacharya	9474381532
5	Basirhat Govt polytechnic	Sir R.N. Mukherjee Road, P.O: Bhyabla, P.S Basirhat, Dist. 24 Parganas (North), PIN 743 422	Sri Gourhari Biswas	Mob: 8336045142 / 86098896951
6	Mathabhangha Govt Polytechnic	Sitai More, P.O Mathabhanga , Dist : Cooch Behar , PIN : 736146	Sri. Nilkanta Lahiri	9474827133
7	Itahar Govt Polytechnic	P.O.: Itahar, P.S.: Itahar, Dist: Uttar Dinajpur, PIN: 733128	Sri. Dipankar Das	Mob: 9477454047
8	Kalimpong Govt Polytechnic	Upper Cart Road, Gouripur , Ward No : 21 , P.O. : Kalingpong , PIN : 736146	Sri. Anand Sharma	Mob: 9434248164