

**Maharashtra Pollution Control Board, Govt. of Maharashtra
Selection of Service Provider for Implementation of Broadband Links for
SD-WAN Connectivity for Board's Offices**

Request for Proposal

**Selection of Service Provider for
Implementation of Broadband Links for SD-WAN Connectivity for
Board's Offices.**

Maharashtra Pollution Control Board, Govt. of Maharashtra
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1 DISCLAIMER

Though adequate care has been taken in the preparation of this Request for Proposal Document, the Bidder should satisfy himself that the Document is complete in all respects. Intimation of discrepancy, if any, should be given to the below mentioned office latest by the date mentioned in Sec.11.7 Point 3. If this office receives no intimation by the date mentioned in Section 11.7 Point 3, it shall be deemed that the Bidder is satisfied that the Request for Proposal Document is complete in all respects.

2 Member Secretary
Maharashtra Pollution Control Board

Kalpataru Point, 3rd floor,
Opp. PVR Cinema, Near Sion Circle,
Sion (E), MUMBAI – 400 022
Ph: 022-24014701 (Extn: 418 / 417)
Email: eic@mpcb.gov.in

- 2.1 Neither MPCB, nor their employees or consultants make any representation or warranty as to the accuracy, reliability or completeness of the information in this RFP nor is it possible for MPCB to consider the financial situation and particular needs of each party who reads or uses this RFP. MPCB recognizes the fact that certain prospective Bidders may have a better knowledge of the Project than others and thus encourages all prospective Bidders to conduct their own investigations and analysis and check the accuracy, reliability and completeness of the information in this RFP and obtain independent advice from appropriate sources.
- 2.2 Neither MPCB nor their employees or consultants will have any liability to any prospective Bidder or any other person under the law of contract, tort, the principles of restitution or unjust enrichment or otherwise for any loss, expense or damage which may arise from or be incurred or suffered in connection with anything contained in this RFP, any matter deemed to form part of this RFP, the award of the Project, the information and any other information supplied by or on behalf of MPCB or their employees, any consultants or otherwise arising in any way from the selection process for the Project.
- 2.3 MPCB reserves the right to reject any or all the Bids submitted in response to this Request for Proposal at any stage without assigning any reasons whatsoever.
- 2.4 MPCB reserves the right to change any or all the provisions of this Request for Proposal. Such changes would be intimated to all parties procuring this Request for Proposal.

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3 LIST OF ABBREVIATIONS

MPCB	Maharashtra Pollution Control Board
RO	Regional Office, MPCB
DC	Data Centre
HO	Head Office, MPCB
RFP	Request for Proposal
IMIS	Integrated Management Information System
OEM	Original Equipment Manufacturer
UPS	Uninterrupted Power Supply
LAN	Local Area Network
WAN	Wide Area Network
PBG	Performance Bank Guarantee
SPBG	Service Performance Bank Guarantee
LoA	Letter of Award
SLA	Service Level Agreement
SP	System Integrator
MPLS	Multi-Protocol Label Switching
VPN	Virtual Private Network
Mbps	Mega Bits per Second
TB	Terabyte

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5 DEFINITIONS

5.1 BID

The bids submitted by the prospective Bidders in response to this Request for Proposal Document issued by **MPCB**.

5.2 BIDDER

Bidding Firm / Company that has submitted a Bid in response to this Request for Proposal Document.

5.3 DOCUMENT / BID DOCUMENT

This Request for Proposal Document.

5.4 PROJECT

To select an appropriate System Integrator (SI) for Data Centre Server and Storage Upgrade at HO.

5.5 REQUEST FOR PROPOSAL

This Document being issued to the prospective Bidders, inviting their Bids.

5.6 RESPONSIVE BIDDER

Responsive Bidder is the bidder whose bid is found responsive after evaluation of the Bid as outlined in Section 11.2.

5.7 TENDER COMMITTEE

A committee consisting of MPCB Officials has been formed.

6 PROJECT CONCEPT & STRUCTURE

6.1 BACKGROUND

6.1.1 Maharashtra Pollution Control Board (MPCB) is an organization under the Department of Environment, Government of Maharashtra. The Board is responsible for ensuring that all norms under the Pollution Control Act as stated by the Ministry are adhered to by all relevant establishments in Maharashtra, which can, through their operations or processes, influence the natural environmental conditions.

6.1.2 The Board has deployed Integrated Management Information System (IMIS) – an integrated e-governance application for automation of their various processes and workflows, such as consent management, cess management, waste management, etc.

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6.1.3 Various Applications have been rolled out to various offices of the Board and the same is accessed through IT infrastructure deployed at these offices. As a part of rollout, the Board has deployed a Data Centre facility at HO since 2008. The Board is in the process of upgrading the ICT infrastructure and hence is in the process of upgrading the IT infrastructure within the Data Centre.

7 CURRENT INFRASTRUCTURE

- 7.1 MPCB has a LIVE Data Centre facility at HO, Sion. The core infrastructure components viz Servers, Storage, Network, etc. are housed in the Data Centre. There are various applications hosted on the servers which are accessed by the MPCB users in their various Regional and Sub-Regional offices (RO and SRO) and Laboratories across Maharashtra. These various offices are connected through MPLS VPN and are protected through a Firewall. Board is Implementing SD-WAN to replace MPLS VPN. There is a robust storage and Backup infrastructure along with automated backup facility.
- 7.2 The details of the relevant current infrastructure are given for the convenience of the bidders at Annexure -1.

8 OBJECTIVE OF THE RFP

- 8.1 The current WAN Network infrastructure needs Upgradation, Redundancy, Optimization and Cost reduction. It is the objective of the RFP to select the most suitable Service Provider (SP) for Implementation of Broadband Connection over the current MPCB WAN Infrastructure for upgradation of the Wan Network platform to SD-WAN.
- 8.2 It may be noted that the current Network which is in LIVE state needs to be ported seamlessly and with no or minimal downtime, so that the working of MPCB continues in the same manner as before the transition, transparently for the users.
- 8.3 The Service Provider (SP) is required to supply the required broadband connection, install, connect, test and commission the same. Post implementation, the SP is required to provide preventive and breakdown support for the infrastructure.

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9 EXECUTION PERIOD

9.1 The Service Provider will be required to supply and Implement the required broadband connections, complete the installation and commissioning of the connection with proper testing and create documentation of the Connectivity infrastructure as a part of the handover exercise. All the activities mentioned here are to be completed within Four (4) weeks from the date of LoA. The System Integrator is mandated to support the connectivity Links for Three (3) years from the date of CoOP as per the required Service Levels.

10 DESCRIPTION OF THE SELECTION PROCESS

10.1 SUBMISSION OF BIDS

The submission of Bids by interested bidders in response to the Request for Proposal should be through Online Process only as mentioned in Annexure 5.

10.2 RESPONSIVENESS OF THE BID

The Bids submitted by Bidders shall be initially scrutinized to establish "Responsiveness". A Bid may be deemed "Non-responsive" if it does not satisfy any of the following conditions:

10.2.1 The proposal does not include sufficient information to be evaluated and/or is not in the formats specified in the RFP.

10.2.2 The proposal does not conform to the terms and conditions mentioned in the RFP.

10.2.3 The Bids of Responsive Bidders shall be evaluated in the following two steps.

a. PRICE BID EVALUATION

- a. The Price Bid would seek to identify the Bidder making the most competitive price offer to MPCB. The evaluation criteria for assessment of the Price Bid are described in [Section -17.9](#). The format for the Price Bid is specified in [Annexure - 4](#).
- b. A list of Bidders based on the results of the evaluation, as detailed in [Section-17.9](#) of this document, would be presented. The MPCB is bound to award a LoA to the lowest price bidder.

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10.3 AWARD OF LoA

Successful Bidder would be given a Letter of Award (LoA) stipulating the conditions under which the bid has been qualified as the Successful Bid.

10.4 SIGNING OF ORDER ACCEPTANCE

The Successful Bidder would sign a copy of the Purchase / Work Order as a token of acceptance of the same.

10.5 SCHEDULE OF ACTIVITIES

Sr. No.	ACTIVITY	Date
1.	Date of Start of Sale of RFP document	09/09/2021
2.	Date of End of Sale of RFP document	16/03/2021
3.	Last date for receipt of requests for clarifications	16/03/2021
4.	Pre-bid Conference	17/03/2021
5.	Last date and time for bid submission	23/03/2021
6.	Time and Date of Opening of Technical Bid (Cover-1)	25/03/2021 15:00 Hrs
7.	Presentation by the bidders on their project implementation and support methodology with proposed schedule of activities	To be announced Later
8.	Opening of Commercial Bid (Cover-2)	To be announced Later

Note:

- a) Bidders are also requested to read [Annexure – 5](#) for detailed schedule of activities related to this RFP and bid submission process.
- b) To enable MPCB to meet the target dates, Bidders are expected to respond expeditiously to clarifications, if any, requested during the evaluation process. MPCB shall adhere to the above schedule to the extent possible. MPCB, however, reserves the right to modify the same. Intimation to this effect shall be given to all Bidders.

11 PROCEDURES TO BE FOLLOWED

11.1 ENQUIRIES & CLARIFICATIONS

Enquiries, if any, should be addressed to:

IT Manager

Maharashtra Pollution Control Board Kalpataru Point, 3rd floor,
Opp. PVR Cinema, Near Sion Circle,
Sion (E), MUMBAI – 400 022
Ph: 022-24014701 (Extn: 418 / 417)
Email: eic@mpcb.gov.in

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- 11.2 All queries that are received on or before the date mentioned in [Section 11.5](#) Point 3 shall be addressed by MPCB in writing. MPCB shall aggregate all such queries, without specifying the source and shall prepare a response, which shall be distributed to all parties who have procured the Request for Proposal Document. It may be noted that queries in writing would be entertained only from those parties who have procured this Document.
- 11.3 Request for clarifications received from prospective bidders who have not paid the fee for the RFP document as defined in [Section-15](#), will not be answered. Such bidders will not be allowed to attend the pre bid meeting and to bid.
- 11.4 Request for clarifications received after the last date mentioned in [Section 11.5](#) Point 3, may not be addressed. Decision of the Board in the matter will be final.
- 11.5 The prospective Bidders shall submit the queries only in the format given below:

Sr. No	RFP Page No	RFP Clause No	Description in RFP	Clarification Sought	Additional Remark (if any)

11.1 SUBMISSION OF THE BID

11.1.1 Cover 1 – Technical Bid

The information to be submitted by the Bidders as Cover 1 of their Bids is described [Annexure 5](#).

11.1.2 Cover 2 – Price Bid

The Information to be submitted by the Bidders in the Price Bid (Cover 2) is described in [Annexure 4A and given BoQ format](#)

The Bidders are requested to follow the Bid submission process which is detailed in [Annexure 5](#) as per the schedule elaborated in [Section-32.2](#).

12 INSTRUCTIONS TO BIDDERS

All Bidders should note the following:

- 12.1 Bids that are incomplete in any respect or those that are not consistent with the requirements as specified in this Request for Proposal or those that do not contain the Covering Letter and other documentation as per the specified formats may be considered non-responsive and may be liable for rejection.

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- 12.2 Strict adherence to formats, wherever specified, is required. Non-adherence to formats may be a ground for declaring the Bid non-responsive.
- 12.3 All communication and information should be provided in writing and in the English language only.
- 12.4 The metric system shall be followed for units.
- 12.5 The price quotations for the bid should be denominated in Indian Rupees.
- 12.6 All communication and information provided should be legible, and wherever the information is given in figures, the same should also be mentioned in words.
- 12.7 Arithmetical errors will be rectified as follows –
 - 12.7.1 If there is a discrepancy between the unit price and the total price that is obtained by multiplying quantities, the unit price will prevail
 - 12.7.2 In case of discrepancy between grand total obtained by adding various line item totals & the grand amount stated in words, the grand total will be recalculated and the same will be taken as correct.
 - 12.7.3 The price bid will be treated as inconsistent & non-responsive, in case if more than one type of discrepancy is observed in the price bid. Such price bid/s will be rejected summarily and considered as intentional misrepresentation and will be rejected.
- 12.8 MPCB reserves the right to seek additional information from the Bidders, if found necessary, during evaluation of the Bid. Non-submission, incomplete submission or delayed submission of such additional information or clarifications sought by MPCB, may be a ground for rejecting the Bid.
- 12.9 The Bids shall be evaluated as per the criteria specified in this RFP Document. However, within the Board framework of the evaluation parameters as stated in this Request for Proposal, MPCB reserves the right to make modifications to the stated evaluation criteria, which would be uniformly applied across all the Bidders.

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- 12.10 The Bidder should designate one person ("Contact Person" and "Authorized Representative and Signatory") authorized to represent the Bidder in its dealings with MPCB. The Acknowledgement of Receipt of Request for Proposal Document shall be signed by the "Contact Person" and "Authorized Representative and Signatory".
- 12.11 This designated person should hold the Power of Attorney and be authorized to perform all tasks including but not limited to providing information, responding to enquiries, entering into contractual commitments on behalf of the Bidder etc. The Covering Letter submitted by the Bidder shall be signed by the Authorized Signatory and shall bear the stamp of the entity thereof.
- 12.12 The Bid (and any additional information requested subsequently) shall also bear the initials of the Authorized Signatory and stamp of the entity thereof on each page of the Bid.
- 12.13 MPCB reserves the right to reject any or all the Bids without assigning any reason whatsoever
- 12.14 Conditional bids may be summarily rejected.
- 12.15 Mere submission of information does not entitle the Bidder to meet an eligibility criterion. MPCB reserves the right to vet and verify any or all information submitted by the Bidder.
- 12.16 If any claim made or information provided by the Bidder in the Bid or any information provided by the Bidder in response to any subsequent query by MPCB, is found to be incorrect or is a material misrepresentation of facts, then the Bid will be liable for rejection and the Bid Security will be forfeited. Mere clerical errors or Bonafede mistakes may be treated as an exception at the sole discretion of MPCB and if MPCB is adequately satisfied.
- 12.17 The Bidder shall be responsible for all the costs associated with the preparation of the Bid. MPCB shall not be responsible in any way for such costs, regardless of the conduct or outcome of this process.

13 VALIDITY OF THE PRICE BID

Each Bid shall indicate that it is a firm and irrevocable offer and shall remain valid and open for a period of not less than 180 days.

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Non-adherence to this requirement and other terms stipulated in the RFP document may be a ground for declaring the Bid as non-responsive. However, MPCB may solicit the Bidder's consent for extension of the period of validity if the Bidder agrees to reasonably consider such a request. The request and response shall be in writing. A Bidder accepting MPCB's request for extension of validity shall not be permitted to modify his Bid in any other respect.

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14 FEES AND DEPOSITS TO BE PAID BY THE BIDDERS

- 14.1 Fees for Request for Proposal (RFP) document
The RFP can be purchased by making a payment (non-refundable) of **₹5,000/-** (Rupees Five-Thousand-only) through online payment. Please refer [Annexure 5](#) of this document for the payment methodology. It is mandatory for the bidders to display the proof of purchase of the RFP document to attend the pre-bid meeting.
- 14.2 Earnest Money Deposit (EMD)
Bidders are required to submit an Earnest Money deposit (EMD) online for an amount of ₹50,000/- (Rupees Fifty-Thousand-Only). Please refer [Annexure 5](#) for the payment of the same. Bids of the bidders who have not paid the EMD as stipulated in this RFP, will be rejected by MPCB as non-responsive. No exemptions to this clause will be allowed.
- 14.2.1 MPCB shall reserve the right to forfeit the Bidder's EMD under the following circumstances:
- 14.2.1.1 If the Bidder withdraws his Bid at any time during the stipulated period of Bid validity as per [Section-10.5](#) and [Section-13](#) (or as may be extended).
- 14.2.1.2 If the Bidder, for the period of Bid validity:
- 14.2.1.2.1 In MPCB's opinion, commits a material breach of any of the terms and / or conditions contained in the RFP Document and / or subsequent communication from MPCB in this regard and / or
- 14.2.1.2.2 Fails or refuses to execute the LoA (in the event of the award of the Project to him) and/or
- 14.2.1.2.3 Fails or refuses to furnish the Service Performance Guarantee within the stipulated time
- 14.2.1.2.4 Any claim made or information provided by the Bidder in the Bid or any information provided by the Bidder in response to any subsequent query by MPCB, is found to be incorrect or is a material misrepresentation of facts.
- 14.2.2 In respect of the bids after Technical Evaluation and eligible for price bid evaluation, the EMD of the unsuccessful Bidders (after opening of Cover 2) can cease to be in force after 60 days following the announcement of award of the Project to the Successful Bidder through the issue of the LoA for the same.
- 14.2.3 If any Bid is non-responsive or rejected after technical evaluation, the EMD of such Bidders shall be refunded.
- 14.2.4 The EMD of the successful Bidder will be returned only on submission of Supply Performance Bank Guarantee (SPBG) that Successful Bidder will provide at the time of signing Order acceptance & the SLA.

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14.2.5 EMD of the unsuccessful bidders will be returned after award of contract to the successful bidder.

15 SUBMISSION OF TECHNICAL BID: COVER - 1

15.1 CRITERIA FOR MINIMUM ELIGIBILITY AND BID RESPONSIVENESS:

15.1.1 The Bidder shall fulfil the following Minimum Eligibility Criteria to participate in the bidding process. The Bidder should provide necessary documentary evidence of compliance as follows. Failure to do so for any of the Criteria mentioned below shall result in disqualification of the Bidder.

15.1.1.1 The Bidder should be a corporate entity, public or private limited company registered / incorporated under The Companies Act, 1956, and in business of IT system Integration and maintenance services for minimum FIVE (5) years. No consortiums allowed.

15.1.1.2 The bidder should have a minimum average Turn Over for last three years is ₹5,00,00,000/- (Rupees Five-crores-only) as on 31st March 2020.

15.1.1.3 The bidder must be ISO 9001 certified having a Valid Certificate on the date of bidding

15.1.1.4 The Bidder should be compliant to the Technical specifications given in [Annexure 3](#)

15.1.1.5 The Bidder must have completed/Executed at least 3 orders (related to Security and Networking) of Enterprise / PSU / Government Organizations in last 3 years from the date of publishing of this tender. Each order of at least ₹25,00,000/- (Rupees Twenty-Five Lakhs) and above.

15.1.1.6 The bidder must have at least one multilocation Order related to networking/Manage Services/Connectivity.

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15.2 COVER 1: INFORMATION FORMATS

Bidders are required to organize Cover-1 as per the following checklist -

Cover 1	Compliance to Minimum Eligibility Criteria and Technical Bid
Section 1	<ol style="list-style-type: none"> 1. Covering Letter as per the format specified in EXHIBIT 1 2. Attested copy of Power of Attorney 3. EMD as per Section-14 4. Certificate of incorporation / registration 5. CA's certificate about the Net worth as on 31st March 2020. 6. Self-Certified Compliance Certificate as per Annexure 3.
Section 2	<ol style="list-style-type: none"> 1. Documentary Proofs as testimony for Evaluation of Technical bids as per criteria listed in Section-16.5 & Section-16.6 2. Manufacturer's Authorization Form in the prescribed format as mentioned in Exhibit 3 3. Technical proposal highlighting 4. Company profile 5. Proposed methodology to execute the project 6. Resource availability with their skill sets and deployment plan for MPCB

16 Submission of TECHNICAL BID: EVALUATION CRITERIA & PROCESS

- 16.1 The Bidder shall necessarily submit in Cover 1 of the Bid Document, the Technical Bid detailing his credentials for executing this project and the highlights of the services proposed with respect to scope of work defined in the Bid Document and the benefits that would accrue to MPCB. The Tender Committee appointed for this purpose will do this evaluation. The Technical Bid will contain all the information required to evaluate the bidder's suitability to MPCB for the purpose of this project.
- 16.2 The guidelines for evaluation have been designed to facilitate the objective evaluation of the Technical Bid submitted by the bidder. The information furnished by the bidders in the technical bid shall be the basis for this evaluation. In case any of the information is not made available, the Committee will assign zero (0) marks to that item.
- 16.3 While evaluating the Technical Bid, MPCB reserves the right to seek clarifications from the Bidders. Bidders shall be required to furnish such clarifications in a timely manner.
- 16.4 MPCB also reserves the right to seek additions, modifications, and other changes to the submitted Bid. Bidders shall be required to furnish such additions / modifications / other changes in a timely manner.
- 16.5 Evaluation of Technical Bid
The technical evaluation of the bidders will be done based on the criteria and marking system as specified as follows:

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Sr No	Criteria	Graded Marks	Maximum Marks	Testimonial to be presented
1	Constitution and Average Annual Turnover		5	
A	Average Turnover (AT) of the organization for past 3 financial years ending 31st March 2020			Certificate from CA
	> Rs 1.00 crores but ≤ 3.00 Crores	2		
	> ₹ 3.00 crores ≤ 5.00 Crores	3		
	> ₹ 5.00 crores	5		
2	Past Performance		50	
A	The SP must have experience of Govt. / Semi Govt. organization/ PSU/ Enterprise/Corporate Banks of managed Services / Connectivity / Networking successfully completed projects.			Self-Certified list of orders giving name & address of customer, telephone number & email ID of contact person, value of order, year of execution of order and brief description of the assignment. Two different orders of Twenty-Five Lacs cannot be combined and considered as One Order of Fifty Lakhs. Applicable for other slabs in section B.
	Orders = 2	10		
	Orders ≥ 5	20		
B	The SP must have experience of managed Services / Connectivity / Networking successfully completed projects for a value of			
	Minimum Two Orders each value of INR 25,00,000/- (Rupees Twenty-Five lakhs)	10		
	Minimum Five Orders each value of 25,00,000/- (Rupees Twenty-Five lakhs)	20		
C	Managed Multiple Geographic Sites in past 3 financial years ending March 2020			
	Orders ≥ 2 but ≤ 4	5		
	Orders ≥ 5	10		
4	Organization Capabilities		10	
A	Bidding organization has a valid ISO 27001 Certification, as on the date of bidding	5		Self-attested copy of the valid certificate. ISO certifications must be related to information technology or telecom.
B	Bidding organization has a valid ISO 9001 or any other ISO Certification, as on the date of bidding	5		
5	On Roll Support Staff		10	
A	25 On Roll Support Qualified Networking Engineers	5		Declaration from HR stating they are Bonafide employees of the bidder's organization.
B	50 On Roll Support Qualified Networking Engineers	10		
6	Presentation on Implementation Methodology		25	Write-up of the plan and actual presentation to be included in the Technical Bid
Total Marks			100	

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Each responsive Bid will be attributed a technical score denoted by symbol "S(t)".
 The technical score shall be out of a maximum of 100 marks

If in MPCB's opinion, the Technical Bid does not meet the minimum technical specifications & service requirements or is otherwise materially deficient / inconsistent in any other aspect; the Bid shall be declared Technically Evaluated & Non-Responsive and shall not be considered for further evaluation.

16.5.1 If any bidder is found to be technically inadequate to the requirements of MPCB, i.e. if the technical marks are lower than 75, then that bidder's bid would be deemed nonresponsive for further evaluation and would not be considered further in the bidding process i.e. their Price Bids will not be opened.

16.5.2 If in case, after technical evaluation, only one bidder is found to be responsive & eligible, i.e. if the technical marks of only one bidder are more than or equal to 80, the Board will decide an acceptable price band and open Price Bid of the only eligible bidder. If the price bid of the bidder falls within the price band specified by the Board, the bidder will **be declared as the SUCCESSFUL BIDDER.**

16.6 PRESENTATION BY BIDDERS

MPCB shall invite the Bidders to make a presentation, at their own cost and expenses, for their execution methodology and support plan to meet the required SLA. The schedule for the presentation along with date and time slot will be communicated to the bidder/s, by MPCB at a later date.

Presentation Parameters:

Sr. No.	Parameters	Marks
1	Understanding of Current MPCB Infrastructure	3
2	Knowledge of Project	5
3	Execution Strategy	5
4	Timelines of Implementation	4
5	Workflow Diagram	3
6	Value additions	5
	Total	25

16.7 PAYMENT TERMS

16.7.1 The Price Bid should be valid for a minimum period of 180 days from the last date of submission of bids

16.7.2 Following payment terms will be offered to the successful Bidder:

16.7.2.1 Within 15 days of signing the Purchase Order/Work Order Acceptance the Successful bidder will submit to MPCB a PBG for 5% of the value of the contract. The PBG shall be in the form of a guarantee of a Nationalised Bank(s) acceptable to the MPCB and shall be valid till 38 months from the date of the Purchase Order / Work Order acceptance.

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16.7.2.2 Payment will be made in the following stages.

Sr. No.	Stage	Percentage Relevance	Percentage payable
1	After Completion of Installation and Testing.	Total (Y) of Sr. No. 2	100%
2	Payment will be made Quarterly in advance	Total (X) of Sr. No. 1	Quarterly in advance

Note: All payments will be made after deduction of penalties if any, vide a crossed cheque payable in Mumbai and within 30 days of submission of invoice. Taxes as applicable by State / Central Government. Any change in taxes will be borne by the board. Payment will be yearly advance at Start of each year till the period of contract.

16.8 Liquidity Damages and Penalty:

For any delay in installation and commissioning beyond Four (4) weeks from the date LoA / Purchase Order, the Board reserves the right to charge an LD (Liquidated Damages) at the rate of 1% of the total contract value for the delay of every week or part thereof, subject to a maximum of 10% of the total contract value.

Creditable Outage: In case the service is continuously unavailable beyond one hour, for any reasons, whether under control of the Service Provider or beyond, the bidder shall extend the period of service by one day for every hour of down time. However, the total downtime shall not extend 2 (two) days / 48 hours in a quarter, beyond which MPCB reserves the right to review and terminate the services of the bidder.

The percentage uptime shall be calculated on quarterly basis as follows:
 Availability (in %) = (Total no of Hours in quarter – Total Outage Hours in quarter) x 100% / (Total No of Hours in quarter)

Uptime	Penalty
98.00%-97.00%	0.5% of total order value
96.99%-96.00%	1% of total order value
<95.99%	2% of total order value

*Note: Penalty subject to maximum of 10%

16.9 EVALUATION OF PRICE BID: COVER 2

16.9.1 PRICE BID PARAMETERS

Bidders are required to offer their best prices for the services only in the format of the price bid given at [Annexure-4](#) and BoQ attached separately of this RFP document. Price offer in any other format will rejection of the bid and disqualification of the bidder from the evaluation process.

16.9.2 EVALUATION OF PRICE BIDS AND RANKING

The price bids of only technically successful bidders whose technical Bids have been awarded 75 or more marks by the Committee will be opened.

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The evaluation will be carried out if Price bids are complete and computationally correct. For the purpose of evaluation, only the Grand Total Price will be considered. Lowest Price bid (denoted by symbol "P (m)") will be allotted a Price score of 100 marks. The Price score will be denoted by the symbol "S (p)". The Price score of other bidders will be computed by measuring the respective Price bids against the lowest bid. These Price scores will be computed as: $S (p) = 100 * (P (m) / P)$ where P is the Price bid of the bidder whose Price score is being calculated. The Price score shall be out of a maximum of 100 marks.

16.9.3 Computing the Final Score

The composite score is a weighted average of the Technical and Price Scores. The weightages of the Technical vis-à-vis the Price score is 0.70 of the Technical score and 0.30 of the Price score. The composite score (S) will be derived using following formula:

$$S = (S(t) * 0.70) + (S (p) * 0.30).$$

Thus, the composite score shall be out of a maximum of 100 marks.

The responsive bidders will be ranked in descending order according to the composite score as calculated based on the above formula. The highest-ranking vendor as per the composite score will be selected.

However, to ensure that MPCB gets best solution in technical terms, MPCB reserves the right to enter into negotiation with bidder

having highest technical score and place order with this bidder at a suitable price.

16.9.4 AWARD CRITERIA

Final choice of MPCB to award this project to a suitable bidder to execute this project shall be made on the basis of composite scoring arrived as per formula mentioned above.

16.9.5 NOTIFICATION OF AWARD

MPCB will notify the successful bidder in writing that his bid has been accepted. Upon the successful bidder's furnishing of performance security, MPCB will promptly notify each unsuccessful bidder and will discharge their bid security.

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17 INDEMNIFICATION

17.1 The bidder hereby agrees and undertakes that, during the Term of the Contract, it shall indemnify and keep indemnified and otherwise save harmless, MPCB from any third-party suits instituted against MPCB which are proved to be because of a direct consequence of the installation and / or use of equipment & services provided by the successful bidder.

18 ASSIGNABILITY

18.1 The successful bidder will not assign its rights, title, or interest in the contract in favour of any third party without prior written consent of MPCB. MPCB reserves its rights to grant such consent on such terms and conditions, as it deems fits and proper. MPCB's decision to grant such consent or refusal to grant such consent shall be final.

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19 CONFIDENTIALITY

- 19.1 Successful Bidder shall hold data and information about MPCB, obtained during the execution of its responsibilities, in strict confidence and will not reveal such information to any other party without the prior written approval of MPCB.
- 19.2 Successful Bidder and MPCB shall maintain in confidence any information relating to the terms and conditions of this contract, information received from each other hereto in connection with this agreement as well as the business operations and affairs of MPCB or the successful bidder and their affiliates and shall not provide access to such information to any third party. This obligation shall expire 2 years after completion of the contract.

20 CORRUPT & FRAUDULENT PRACTICES

20.1 MPCB requires that the bidder under this RFP document maintains highest standards of ethics during procurement and execution of this project. In pursuance of this policy the board defines the terms set forth as follows

20.1.1 "Corrupt practice" means offering, giving, receiving, or soliciting of anything of value to influence the action or decision making of public official in the procurement process or execution of the project.

20.1.2 "fraudulent practice" means misrepresentation of facts in order to influence the action or decision making of public official in the procurement process or execution of the project to the detriment of the board and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the board the benefits of free & open competition.

If it is determined that bidder / s are engaged in corrupt & fraudulent practices their bid/s will be rejected and also will be declared ineligible for indefinite period or a stated period to time to participate in any future RFP floated by MPCB.

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21 TERMINATION OF CONTRACT

21.1 Termination for Default

- 21.1.1 MPCB without prejudice to any other remedy available for breach of Contract may terminate the Agreement in whole or in part, by a 30 days' notice in writing to the System Integrator for any one or all of the following. On such termination, in addition to any other remedy available under the contract the PBG / SPBG will be liable for forfeiture.
- 21.1.2 The System Integrator in the judgment of MPCB has made any misrepresentation of facts and / or engaged in corrupt, fraudulent practices.
- 21.1.3 MPCB shall afford an opportunity to the System Integrator to represent his case before termination of the agreement.
- 21.1.4 The System Integrator fails to complete the project within the given time frame as mentioned in [Section-10](#) of this RFP.
- 21.1.5 In the event MPCB terminates the Agreement in whole or in part, MPCB may procure upon such terms and in such manner as it deems appropriate products and / or service similar to those undelivered and the System Integrator shall be liable to pay to MPCB for any excess costs occurred for procuring such similar services.

21.2 Termination for Insolvency

- 21.2.1 If the System Integrator becomes bankrupt or otherwise insolvent, MPCB may terminate the Contract by giving written notice of 15 days to the System Integrator. In this event, termination of the contract will be without compensation to the System Integrator, provided that such termination shall not prejudice any right to action or remedy available to the MPCB which is provided in the RFP document.

22 ARBITRATION

All disputes, differences, claims and demands arising under or pursuant to or touching this document shall be settled by arbitration of sole arbitrator to be appointed by both the parties and failing such agreement, by two arbitrators, one to be appointed by each party to disputes. All arbitrations shall be held at Mumbai location.

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23 FORCE MAJEURE

Notwithstanding the provisions of the RFP, the service provider or MPCB shall not be liable for penalty or termination for default if and to the extent that its delays in performance or other failure to perform its obligations under the contract is the result of an event of Force Majeure. For purposes of this clause, "Force Majeure" means an event beyond the control of the service provider and not involving MPCB or Service Provider's fault or negligence and not foreseeable. Such events may include, but not restricted to wars, revolutions, epidemics, natural disasters etc.

If force majeure situation arises, the service provider shall promptly notify MPCB in writing of such condition and cause thereof. Unless otherwise directed by MPCB in writing, the service provider shall continue to perform its obligations under contract as far as possible.

24 LEGAL JURISDICTION

All legal disputes are subject to jurisdiction of Mumbai courts only.

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Selection of System Integrator for Data Center Server processors and disk
Storage Upgradation**

EXHIBIT – 1

25 FORMAT OF THE COVERING LETTER

FORMAT OF THE COVERING LETTER

(The covering letter is to be submitted by the Bidder along with the Cover 1 of
the Bid)

Date: _____
Place: _____

To
Member Secretary
Maharashtra Pollution Control Board
Kalpataru Point, 3rd floor,
Opp. PVR Cinema, Near Sion Circle,
Sion (E), Mumbai – 22

Dear Sir,

**Sub: Selection of Service Provider for Implementation of Broadband Links
for SD-WAN Connectivity for Board's Offices**

Please find enclosed one (1) original + one (1) copies of our Bid for “**Selection of Service Provider for Implementation of Broadband Links for SD-WAN Connectivity for Board's Offices**” in response to the Request for Proposal (RFP) Document issued by **MPCB** dated _____

We hereby confirm the following:

The Bid is being submitted by (*name of the Bidder*) who is the Bidder in accordance with the conditions stipulated in the RFP.

We have examined in detail and have understood the terms and conditions stipulated in the RFP Document issued by **MPCB** and in any subsequent communication sent by **MPCB**. We agree and undertake to abide by all these terms and conditions. Our Bid is consistent with all the requirements of submission as stated in the RFP or in any of the subsequent communications from **MPCB**.

We have paid the EMD online as per the RFP terms.

The information submitted in our Bid is complete, is strictly as per the requirements as stipulated in the RFP and is correct to the best of our knowledge and understanding. We would be solely responsible for any errors or omissions in our Bid.

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We as the Bidder (Please strike out whichever is not applicable), designate Mr/Ms (mention name, designation, contact address, phone no., email, etc.), as our Authorized Representative and Signatory who is authorized to perform all tasks including, but not limited to providing information, responding to enquiries, entering into contractual commitments etc. on behalf of us in respect of the Project.

For and on behalf of:

Signature:

(Authorized Representative and Signatory)

Name of the Person:

Designation:

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EXHIBIT – 2

26 FORMAT FOR COVERING LETTER SUBMISSION- WITH PRICE BID

(The Price Bid should be submitted along with the following cover letter.
Format of Price Bid is given in [Annexure - 4](#)

Date: _____

Place: _____

To

Member Secretary

Maharashtra Pollution Control Board
Kalpataru Point, 3rd floor,
Opp. PVR Cinema, Near Sion Circle,
Sion (E), Mumbai – 400 022

Dear Sir,

**Sub: Selection of Service Provider for Implementation of Broadband
Links for SD-WAN Connectivity for Board's Offices**

As a part of the Bid, we hereby make the following price offer to the MPCB.

The cost of the services to be provided as per the requirements stipulated in this RFP is mentioned in the Price Bid as per **Annexure – 4 and BoQ** of the RFP. The price quoted is for the Scope of work as defined in Annexure 2.

We agree to bind by this offer if we are selected as the Successful Bidder.

For and on behalf of:

Signature

(Authorized Representative and Signatory of the Bidder)

Name of the Person:

Designation:

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EXHIBIT – 3

MANUFACTURER'S AUTHORISATION FORM

MANUFACTURER'S AUTHORISATION FORM

(This letter of authority must be on the letterhead of the Manufacturer, must be signed by a person competent and having the power of attorney to bind the Producer, and must be included by the Bidder in its bid as specified in the Instructions to Bidders.)

Date: _____

Place: _____

To,

Member Secretary

Maharashtra Pollution Control Board
Kalpataru Point, 3rd floor,
Opp. PVR Cinema, Near Sion Circle,
Sion (E), Mumbai – 400 022

Dear Sir,

WHEREAS **<Name and address of the Manufacturer>** who are official producers of **<description of the respective equipment>** do hereby authorize **<name of the Bidder>** located at **<Address of the Bidder>** (hereinafter, the "Bidder") to submit a bid of the following Products produced by us, for the Supply Requirements associated with the above Invitation for Bids. When resold by **<Name of the Bidder>**, these products are subject to our applicable standard end-user warranty terms.

We assure you that in the event of **<Name of the Bidder>**, not being able to fulfil its obligation as our Service Provider in respect of our standard Warranty Terms, we would continue to meet our Warranty Terms through alternate arrangements.

We also confirm that **<Name of the Bidder>** is our authorized Service Provider / System Integrator and can hence provide maintenance and upgrade support for our products.

Name

In the capacity of

Signed

Duly authorized to sign the authorization for and on behalf of: _____

Dated:

Maharashtra Pollution Control Board, Govt. of Maharashtra
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27 ANNEXURE – 1

27.1 CURRENT INFRASTRUCTURE DETAILS

All the locations are installed with SD-WAN CPE's. All the Locations will have dedicated Ethernet port assigned for the Broadband connectivity and a USB port assigned for Data card installation.

All these SD-WAN devices are configured to connect to Central Location that is Head office of MPCB and on Demand SRO's can connect to their RO's when ever a data transfer is initiated between the RO and their respective SRO's.

Currently MPCB has MPLS connectivity in all their locations which will be removed once the broadband connectivity is delivered and tested for a period of 7 days. The current MPLS connectivity for the time being will be maintained as Third (3rd) failover connectivity till the connection is removed.

28 ANNEXURE – 2

28.1 Propose Solution Design and Scope of Work

MPCB proposes to replace it's MPLS connectivity with Internet Broadband Connectivity with below components to move towards a next generation, Expandable, Secured and totally software driven Solution. Which is required to maintain and support its crucial applications

28.1.1.1 Provide Broadband connectivity it all its offices (Head Office, Central La, RO, SRO) as mentioned in the Annexure 3.

28.2 WAN Connectivity

28.2.1 The new WAN Network architecture must remain same.

28.3 SCOPE OF WORK

28.3.1 Stakeholders and their responsibilities

28.3.1.1 There are TWO (2) stakeholders in the project viz. MPCB and Service Provider (SP). The broad roles of each of the stakeholder is mentioned below.

28.3.1.2 MPCB as the project sponsor will ensure access to the facilities and facilitate information regarding the existing infrastructure. The Board understands that there may be various other agencies involved in the migration process and will ensure that the same are available during the process of migration based on requests by the SP within a reasonable timeframe.

28.3.1.3 The Service Provider (SP) is responsible to provide Broadband connectivity to all the mentioned locations in the RFP.

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- 28.3.1.4 The SP needs to do a survey with MPCB designated Staff (joint Survey between MPCB and SP) of all the equipment present in the locations and provide us a report on implementation. The SP should ensure the new Network infrastructure must be in an optimal working state at all Locations.
- 28.3.1.5 The SP is mandated to ensure a seamless migration of the setup in a transparent manner so that any external agencies (including MPCB users) interfacing with the Data Centre infrastructure do not experience any change of interface. The Migration will be deemed complete and successful upon testing all applications of MPCB are in running state, for operations and by providing printed copy of the test results.
- 28.3.1.6 The responsibilities of each of these stakeholders (SP and MPCB) are broadly outlined here. These should be taken as broad guidelines only and mentioned here for necessary resource planning by the Bidders. However, as mentioned earlier, the Scope of Work for the successful bidder i.e., SP to supply the connectivity, install and commission the same to ensure that the existing operations of MPCB continue operating the same way as before post-migration in a transparent manner to the MPCB users and other external interfacing agencies. The Certificate of Operation (CoOP) will be issued to the SP only upon satisfactory completion of the Scope of Work which may be substantiated by necessary documentation.
- 28.3.1.7 For the sake of convenience of the Bidders, the Scope of Work is further elaborated as below. The same should be taken as general guidelines and not an exhaustive list.

28.3.2 Responsibilities of the System Integrator

28.3.2.1 Preparation

- 28.3.2.1.1 Understand the current infrastructure setup of MPCB Wan Network along with layout, configurations and working.
- 28.3.2.1.2 Submit the implementation plan to MPCB for review and finalization of the same with inputs from the MPCB infrastructure team appointed by MPCB. The plan needs to highlight delivery, installation, roll-back plan, downtime requirements, resource deployments, dependencies, etc. on a time scale. Please note that since this is an upgradation of a LIVE Data Centre Network, the transition to the new setup must be seamless and with minimal downtime, especially during the working hours of the Board.
- 28.3.2.1.3 Prepare a micro-level Transition plan along with testing of the same and get the same approved.

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- 28.3.2.1.4 Training MPCB network / Enterprise team for Provisioning virtual Infrastructure as per MPCB's future requirement, Monitoring and provide 1st level of support for any issues
- 28.3.2.1.5 Prepare a "BEFORE and AFTER" layout of the Network and get the same approved from MPCB. The Layout should provide the Network distribution per site and ideally categorize the Location for ease of management and knowledge.
- 28.3.2.1.6 The SP must make sure there is no or minimal / approved downtime while implementing the solution.

28.3.2.2 Delivery of Broadband

- 28.3.2.2.1 Delivery of the broadband as per the Work Order / Contract. The delivery may be prioritized as per the schedule.
- 28.3.2.2.2 Testing of the connectivity after installation and ensure consistency in connectivity in case of network issues at the site.
- 28.3.2.2.3 Get Delivery Acknowledgement from MPCB before the after Installation.
- 28.3.2.2.4 Deliverables

Sr. No.	Description	Qty
For HO		
1	100 Mbps broadband connection with 1:4 ratio, Uncompressed	2
For RO and Central Lab		
1	20 Mbps broadband connection with 1:4 ratio, Uncompressed	11
2	4G/LTE enabled USB Data cards	11
For SRO		
1	10 Mbps broadband connection with 1:4 ratio, Uncompressed	16
2	4G/LTE enabled USB Data cards	16

Note: The Brief Location List as per above table are attached on Annexure-4B

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28.3.2.3 Installation of Broadband and LTE / 4G Data cards.

- 28.3.2.3.1 Provide a Circuit ID for each type of Connectivity location wise.
- 28.3.2.3.2 Ensure necessary proactive alerts, configuration management and health parameters are being monitored.
- 28.3.2.3.3 Establish the connectivity with the Sites continue as in existing manner.

28.3.2.4 Documentation

- 28.3.2.4.1 The Bidder is required to ensure the documentation of the entire delivered network as a part of handover exercise.
- 28.3.2.4.2 The documentation to include:
 - 28.3.2.4.2.1 Site Information, IP information, Type of Connections, Bandwidth and Capping mentioned and clearly indicating the connectivity is Active and in use.
 - 28.3.2.4.2.2 Configuration information including support matrix, escalation, and credentials if any.

Note: It may be noted that the CoOP will be awarded only after receipt of the documentation acceptable to MPCB.

28.3.2.5 Support

- 28.3.2.5.1 The SP is to provide support for the supplied Broadband connection for a period of THREE (3) years from the date of CoOP.
 - 28.3.2.5.1.1 For Hardware (If Any): The support should be comprehensive (all parts included) and on-site. In case of any faulty components, the same should be replaced in a maximum timeframe of SIX (6) hours from the time of incident being reported.
 - 28.3.2.5.1.2 For Networking Support: The L1, L2 and L3 support should be made available. Support should be provided by the SP within stipulated time as mentioned in SLA.
- 28.3.2.5.2 The key activities in the support phase will be as follows
 - 28.3.2.5.2.1 Detailed Management and Administration of setup at the site
 - 28.3.2.5.2.2 Monitoring setup for any contention or fine tuning of Network.
 - 28.3.2.5.2.3 Provide recommendation.
 - 28.3.2.5.2.4 Respond to alerts for anomaly behaviour in the Network setup and take corrective actions.

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28.3.2.5.2.5 Release and reallocate resources as per requirement.

28.3.2.5.2.6 Troubleshooting and fixing issues.

28.3.2.5.2.7 Provide 24 x 7 x 365 Telephonic, Online and Onsite Support for the setup.

28.3.3 Responsibilities of MPCB

28.3.3.1 Facilitate access and information availability to the SP.

28.3.3.2 Acceptance of the Implementation schedule provided by SP after due review with MPCB.

28.3.3.3 Ensuring availability of the downtime based on the implementation schedule on reasonable notice given by the SP after consultation with MPCB

28.3.3.4 Ensuring data backup for the servers.

28.3.3.5 Ensuring support availability from the respective Vendors at the time of Upgradation.

28.3.3.6 Ensuring availability of various vendors such as Civil and Electrical Contractors, Network Contractors, Security Contractors, SD-WAN Vendor, MPLS Service Providers, Current Service Providers, FMS service providers and any other agency – internal and / or external, as may be required for the successful migration.

28.3.3.7 Issue of CoOP upon receipt of satisfactory project implementation and documentation.

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29 ANNEXURE – 3

29.1 TECHNICAL SPECIFICATIONS AND COMPLIANCE

Bidders to fill in the Compliance details and include the same in the Bid

29.1.1 Solution Technical Specifications and Minimum requirements

Sr. No	Description
1	Solution should be deployed in live network over SDWAN appliance in HA Mode at Mumbai HO. (16) Sixteen Nos of connections in SRO Offices & 11 Nos of connections in RO and Central Lab offices to be added in single SDWAN network.
2	The connectivity must support IPv6 in future.
3	SP must have management support provided using a NOC facility of their own. The connectivity must be monitored 24x7x365 days.
4	Data Cards must be provided at all RO, SRO and Central lab as backup connections. The SP must check which service provider has best network connectivity at that location and accordingly provide Telecom Service Providers SIM cards for the Data cards.

29.1.2 Broadband Bandwidth Sizing and Performance Parameters for SRO offices

Sr. NO.	The bidder must provide broadband connectivity on basis of following parameters mentioned below for 17 SRO offices. (Qty. 17)
1	The broadband must support 10 Mbps Connection with maximum 1:4 ratio uncompressed.
2	Single Last mile connectivity using Fibre or Copper with Ethernet (RJ45 port)
3	First preference to fibre for last mile > Second copper > Last RF.
4	The link will be terminated on Ethernet port of the SD-WAN device.
5	LTE/4G enabled Data cards to be provided for all locations for backup connectivity.
6	The bidder must provide SIM of the Telecom provider providing best connectivity at that location.

29.1.3 Broadband Bandwidth Sizing and Performance Parameters for RO offices

Sr. No.	The bidder must provide broadband connectivity on basis of following parameters mentioned below. Sixteen RO Offices (Qty 10) + One Central LAB (Qty 1). Total (Qty 11)
1	The broadband must support 20 Mbps Connection with maximum 1:4 ratio uncompressed.
2	Single Last mile connectivity using Fibre or Copper with Ethernet (RJ45 port)
2	The link will be terminated on Ethernet port of the SD-WAN device.
4	LTE/4G enabled Data cards to be provided for all locations for backup connectivity.
5	The bidder must provide SIM of the Telecom provider providing best connectivity at that location.

29.1.4 Broadband bandwidth Sizing and Performance Parameters for Head office

Sr. No.	The bidder must provide broadband connectivity for HO on basis of following parameters
1	2 (two) number of broadband connections must be supplied.
2	Each Broadband Connection must support 100 Mbps Connection with maximum 1:4 ratio uncompressed.
3	Single Last mile connectivity using Fibre or Copper with Ethernet (RJ45 port)
4	The link will be terminated on Ethernet port of the SD-WAN device.

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29.1.5 General parameters to be followed for all locations

Sr. No.	Standard Parameters to be complied by the bidders for delivering broadband connection at all locations
1	Primary broadband link and secondary 4G/LTE backup link.
2	End to End ownership of all connectivity and hardware / cables provided.
3	Must Provide SLA of 98.5%
4	Must provide a self-operated ticket raising application and Login for MPCB
5	24x7x365 Proactive monitoring.
6	All sites must have FUP of 200GB per month.
7	HO must have FUP of 500GB per month on each connection.
8	Onsite Field Engineer Support must be provided for all locations.
9	On Call Troubleshooting with a Turnaround time of 20 minutes and resolution time of 4 hours maximum.
10	Must provide an engineer for onsite troubleshooting within 3 hours of ticket.
11	Must provide monthly uptime reports.
12	Must provide login credentials to check usage and dashboard of all the links provided to MPCB.
13	Pro-active recommendations for Link usage, upgrade / downgrades.
14	Seamless failover of traffic between redundant links with no business impact.

29.1.6 4G / LTE General parameters to be followed for all locations

Sr. No.	Standard Parameters to be complied by the bidders for delivering 4G / LTE connection at all locations
1	Data transfer must happen only on 4G / LTE
2	Universal Data cards to be provided by the SP.
3	SMS and Voice to be masked.
4	In Case 4G / LTE is not available for some period. The Data card must switch to Edge / GPRS / 3G and provide connectivity. The same must be notified by the SP to MPCB and the issue must be corrected as per SLA.
5	All 4G data cards must have a minimum bandwidth capacity of 10GB data transfer per month. After the 10Gb transfer is utilized the SIM must be able to continue with lesser speeds. Such data card usage must be notified to MPCB and an upgrade must be recommended.
6	All SIM cards must be provided by the Service Provider and with uniform Plan and traffic across the locations.
7	SIM's will be used a Secondary / failover links for locations where SIM's / Data card deliveries are mentioned in section 29.
8	SP must provide a circuit ID for all the Locations.

29.1.7 Broadband parameters to be followed for all locations

Sr. No.	Standard Parameters to be complied by the bidders for delivering broadband connection at all locations
1	1:4 uncompressed Internet Broadband Bandwidth link should be provided
2	Single Last mile connectivity using Fibre or Copper with Ethernet (RJ45 port)
3	The link shall be terminated on Ethernet port of the SD-WAN ready device
4	Internal cabling which is required from the service provider mux to the router must be laid by the SP
5	The bidder is responsible for liaising with government agencies or other Departments to provide any licenses, approvals etc. that may be required
7	Provision of the link is subject to satisfactory Acceptance Test.
8	SP must provide 24x7x365 support and must have facilities for 24x7x365 centralized call centre / NOC. Also, the SP must have adequate resources to provide immediate support in case of link break downs or any such issues / problems.
9	SP must provide online portal to view real time Bandwidth utilization / performance.
10	SP must provide usage and bandwidth report generation on Daily, Weekly and Monthly basis. The reports must also be made available on demand.

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11	Must provide monthly uptime reports.
12	Must provide login credentials to check usage and dashboard of all the links provided to MPCB.
13	Monthly link uptime report for all links must be shared before 10th day of next month
14	The Multiplexers/Modems/Patch Cords/fibre Converter etc. and any other equipment's (if necessary) for commissioning of internet broadband bandwidth link will have to be supplied, installed, and maintained (all throughout the service period) by the SP at sites and shall remain their property

30 Proposed Bill of Material

Sr. No.	Description	Qty
For HO		
1	100 Mbps broadband connection with 1:4 ratio, Uncompressed	2
For RO and Central Lab		
1	20 Mbps broadband connection with 1:4 ratio, Uncompressed	11
2	4G/LTE enabled USB Data cards	11
For SRO		
1	10 Mbps broadband connection with 1:4 ratio, Uncompressed	16
2	4G/LTE enabled USB Data cards	16

The Brief Location List as per above table are attached on Annexure-4B

Please note: The bidder must perform a detailed survey of the sites and HO and provide report if any additional component is required and must add that to their proposal apart from the above mentioned Bill of Material BOM.

I hereby confirm that I am compliant to all the above points mentioned in Annexure 3.

Signed and Stamped

Name of Authorized Signatory:

Date:

Note: This Self Certified Annexure 3 will be part of Technical Bid Document. If not submitted or submitted without Seal and Signature will be considered non-responsive bid.

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31 ANNEXURE – 4A

31.1 Price Bid Format

The bidders should strictly follow the format given below for submitting the price –bids and should submit the same on their official letter head.

Sr. No.	Description	Unit Rate Without Taxes (INR)	Quantity	Total Unit Rate (INR)	Taxes (INR)	Amount (INR)
		A	B	C=A x B	D	E=C + D
1	Yearly Recurring					
a	HO 100 Mbps 1:4 UC		2			
b	RO and C Lab 20 Mbps 1:4 UC		11			
c	SRO 10 Mbps 1:4 UC		16			
	Sub Total Core Infrastructure (X)					
2	One Time Charge (OTC)					
a	4G/LTE enabled USB Data cards		27			
b	Implementation Charges (Active) components					
c	Installation of (Passive) components					
	Sub Total Implementation Charges (Y)					
	GRAND TOTAL (Z=X+Y)					

Grand Total Amount in Words Rupees _____ Without Taxes

Note: 1. Grand Total is the sum of Price for ALL regions mentioned above 2. The prices quoted are for the Scope of Work as mentioned in Annexure 2 3. The prices are valid for 180 days from the date of bid.

For and on behalf of:

Signature (Authorized Representative and Signatory of the Bidder):

Name of the Person:

Designation:

Date:

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32 ANNEXURE – 4B

Sr. No.	Location	Connection	Bandwidth
1	MPCB HQ SION, RO Mumbai	2	100 Mbps
2	RO Kalyan	1	20 Mbps
3	RO Thane	1	20 Mbps
4	RO Kolhapur	1	20 Mbps
5	RO Pune	1	20 Mbps
6	RO Navi Mumbai, RO Raigad	1	20 Mbps
7	RO Nashik	1	20 Mbps
8	RO Nagpur	1	20 Mbps
9	RO Aurangabad	1	20 Mbps
10	Central LAB	1	20 Mbps
11	RO Amravati	1	20 Mbps
12	RO Chandrapur	1	20 Mbps
13	SRO Sangli	1	10 Mbps
14	SRO Ratnagiri	1	10 Mbps
15	SRO Chiplun	1	10 Mbps
16	SRO Satara	1	10 Mbps
17	SRO Jalgaon	1	10 Mbps
18	SRO Dhule	1	10 Mbps
19	SRO Ahmednagar	1	10 Mbps
20	SRO Mahad	1	10 Mbps
21	SRO Jalna	1	10 Mbps
22	SRO Parbhani	1	10 Mbps
23	SRO Nanded	1	10 Mbps
24	SRO Latur	1	10 Mbps
25	SRO Solapur	1	10 Mbps
26	SRO Bhandara	1	10 Mbps
27	SRO Tarapur	1	10 Mbps
28	SRO Akola	1	10 Mbps
Total		29	

Note: For address and contact of the above offices please refer the MPCB website or refer the link <https://www.mpcb.gov.in/about-us/offices/amravati>

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33 ANNEXURE – 5

33.1 Details for E-Tender Process
 Notice Details

Tender Reference no.	NOTICE No.: MPCB/EIC/B- Date:
Name of Work / Item	Selection of Service Provider for Implementation of Broadband Links for SD-WAN Connectivity for Board's Offices
Tender Fee	Rs. 5,000/- (Rupees Five Thousand Only) (Non-Refundable) to be paid through Online Payment Modes I.e. Net Banking only, during Tender Document Download Stage.
EMD	Rs. 50,000/- (Rupee Fifty Thousand Only) to be paid through Online Payment Modes i.e. Net Banking only, during Tender Document Download Stage.
Pre-bid Meeting	Date 17/03/2020 15:00 PM on Teams or WebEX or Teams Platform.
Venue of online opening of tender	MPCB Conference Hall, Kaptaru point, 4 th floor Opp, PVR Cinema (near Sion Circle) Sion (East) Mumbai-400 022
Address for Communication	Mail Id eic@mpcb.gov.in MPCB Conference Hall, Kaptaru point, 4 th floor Opp, PVR Cinema (near Sion Circle) Sion (East) Mumbai-400 022
Contact Telephone & Fax Numbers	Tel. No-022-24087295, 022-24010437 Fax-022-24087295
e-Tendering Helpline Support:	24 X 7 Help Desk Toll Free No.1800 3070 2232 Mobile No. 7878007972, 7878007973, 7878007974.

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33.2 e-TENDER TIME SCHEDULE

Please Note: All bid related activities (Process) like Tender Document Download, Bid Preparation, and Bid Submission will be governed by the time schedule given under Key Dates below:

Sr. No.	Activity	Performed by	Start		Expiry	
			Date	Time	Date	Time (hrs.)
1	Release of E-tender	Department	09/03/2021	11:00	09/03/2021	17:00
2	E-tender Download	Bidders	09/03/2021	11:00	16/03/2021	17:00
3	Clarification for Pre-bid	Bidders	09/03/2021	11:00	16/02/2021	17:00
4	Pre-bid Meeting	Department	17/03/2021 15:00 hrs			
5	Bid Submission	Bidders	18/03/2021	11:00	23/03/2021	17:00
6	Envelope Opening Date (Technical Bid)	Department	25/03/2021	13:00	25/03/2021	17:00
7	Envelope Opening Date (Price Bid)	Department	To be announce later			

Dates mentioned here, are scheduled dates for Bid Opening Activities. Any changes in dates of opening of technical and commercial bids shall be notified in 'Press Notice / Corrigendum' section on the e-Tendering sub portal of the department before opening of the same.

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33.3 INSTRUCTIONS TO BIDDERS FOR e-Tendering
33.3.1 GENERAL INSTRUCTIONS:

The bidders are requested to familiarize themselves with the use of the e-Tendering portal of Government of Maharashtra well in advance

To view- Tender Notice, Detailed Time Schedule, Tender Document and BoQ for this Tender and subsequently purchase the Tender Document and its supporting documents, kindly visit following e-Tendering website of **Government of Maharashtra** www.mahatenders.gov.in

All bidders interested in participating in the online e-Tendering process are required to procure Class II or Class III Digital e-Token having 2 certificates inside it, one for Signing/Verification purpose and another for Encryption/Decryption purpose. The tender should be prepared & submitted online using individual's Digital e-Token.

The Contractors participating first time for e-Tenders on Maha e-tendering portal will have to complete the Online Registration Process for the e-Tendering portal. A link for enrolment of new bidders are as follows.

<https://mahatenders.gov.in/nicgep/app?page=BiddersManualKit&service=page>

Empanelment: The Contractors interested in participating in the Tenders of Maharashtra Pollution Control Board processed using the Electronic Tendering System shall be required to enroll on the Electronic Tendering System to obtain Login ID and password.

The Contractors may obtain the necessary information on the process of enrolment either from Helpdesk support team or enrolled directly on Web site www.mahatenders.gov.in.

e-Tendering Tool Kit for Bidders

(detailed Help documents, designed for bidders) has been provided on Mahaetender website [in https://mahatenders.gov.in/nicgep/app?page=BiddersManualKit&service=page](https://mahatenders.gov.in/nicgep/app?page=BiddersManualKit&service=page) order to guide them through different stages involved during e-Tendering such as online procedure for Tender Document Purchase, Bid Preparation, Bid Submission.

Bidders will have to pay cost of Tender Document through online modes of payment by **Net Banking only** during **Tender Document Download stage**. This payment will not be accepted by the department through any offline modes such as Cash, Cheque or Demand Draft.

Similarly, Bidders will have to pay Earnest Money Deposit through online mode by Net banking only during **Bid Submission stage**. This payment will not be accepted by the department through any offline modes such as Cash, Cheque or Demand Draft.

For any assistance on the use of Electronic Tendering System, the Users may call the below numbers: -

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**24 X 7 Help Desk Toll Free No.1800 3070 2232 Mobile No. 7878007972,
7878007973, 7878007974.**

For a bidder, online bidding process consists of following 3 stages:

1. *Online Tender Document Purchase and Download*
2. *Online Bid Preparation*
3. *Online Bid Submission*

All of 3 stages are mandatory for bidders to successfully complete Online Bidding Process.

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ONLINE TENDER DOCUMENT PURCHASE AND DOWNLOAD:

The tender document is uploaded / released on Mahaetenders website www.mahatenders.gov.in Tender document and supporting documents may be purchased and downloaded from above link of Mahaetender site GoM, by making payment through **Online Payment Modes i.e. Net Banking Only.**

If for any reason a bidder fails to make this payment through online modes, system won't allow the bidder to proceed further for next stage resulting in his/her elimination from Online Bidding Process.

This payment will not be accepted by the department through any offline modes such as Cash, Cheque or Demand Draft.

Subsequently, bid has to be prepared and submitted online ONLY as per the schedule.

The Tender form will be available online only. Tender forms will not be sold / issued manually. The bidders are required to download the tender document within the prescribed date & time mentioned in online tender schedule. After expiry of the date and time for tender document download, Department / Corporation will not be responsible for any such failure on account of bidders for not downloading the document within the schedule even though they have paid the cost of the tender to the Department / Corporation. In such case the cost of the tender paid by the bidders will not be refunded.

PREPARATION & SUBMISSION OF BIDS

Bids shall have to be prepared and subsequently submitted online only. Bids not submitted online will not be entertained.

Online Bid Preparation Price BID

All commercial offers must be prepared online in given BoQ format (An online form will be provided for this purpose in Online Price Bid Envelope during **Online Bid Preparation** stage).

Online Bid Submission

In this stage, bidders who have successfully completed their Bid Preparation stage are required to submit the bid in prescribe time schedule.

INSTRUCTION TO BIDDERS FOR ONLINE BID PREPARATION & SUBMISSION

Bidders are required to pay Earnest Money Deposit (if applicable to them) through online Payment modes i.e. **Net Banking only** during Bid Preparation Stage.

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If for any reason a bidder fails to make this payment through online modes, system won't allow the bidder to complete Bid Preparation stage resulting in his/her elimination from Online Bidding Process.

During the activity of **Bid Preparation**, bidders are required to upload all the documents of the technical bid by scanning the documents and uploading those in the PDF format. This apart, bidders will have to quote commercial offer for the work / item as per the format given, for which bids are invited, in an online form made available to them in Commercial Envelope. This activity of **Bid Preparation** should be completed within the pre-scribed schedule given for bid preparation.

After **Bid Preparation**, the bidders are required to complete **Bid Submission** activity within prescribed schedule without which the tender will not be submitted.

The date and time for online preparation followed by submission of envelopes shall strictly apply in all cases. The tenderers should ensure that their tender is prepared online before the expiry of the scheduled date and time and then submitted online before the expiry of the scheduled date and time. No delay on account of any cause will be entertained. Offers not submitted online will not be entertained.

If for any reason, any interested bidder fails to complete any of online stages during the complete tender cycle, department shall not be responsible for that and any grievance regarding that shall not be entertained.

Any amendment to the tender will be placed on sub portal of the Department, who have invited the bids, on Maha e-tendering portal. The tenderer will not be communicated separately regarding the amendment.

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33.3.2 TECHNICAL BID

Following documents should be uploaded in Online Technical Envelope (T1) in PDF format, if required can be zipped as well and then uploaded during **Online Bid Submission stage**.

The list of documents for Technical Envelope is as follows:

Sr. No.	List of Documents	Compulsory / Additional
FOR TECHNICAL BID		
1	Covering Letter As per Format in EXHIBIT 1	Compulsory
2	Attested copy of Power of Attorney	Compulsory
3	Proof of Purchase of RFP	Compulsory
4	EMD as per Section-14.2 and Section-33.3.4.1	Compulsory
5	Certificate of incorporation / Registration and Service Tax registration certificate	Compulsory
6	CA's Certification regarding net worth of the bidder as on 31 st March 2018	Compulsory
7	Documentary Proofs as testimony for Evaluation of Technical bids as per criteria listed in Section-16.5	Compulsory
8	Technical Proposal as mentioned in Annexure-3	Compulsory
9	Manufacturer's Authorisation Form as per EXHIBIT 3	Compulsory
10	Duly filled, signed, and stamped Technical Compliance form as per Annexure - 3	Compulsory
11	OEM Common Criteria Certification for the Proposed SD-WAN Product / Solution.	Compulsory
FOR COMMERCIAL / PRICE BID		
1	BoQ as per given Excel format	
1	Covering Letter As per Format in EXHIBIT 2	Compulsory
2	Price Bid in the format given in Annexure 4A , duly signed and sealed	Compulsory

33.3.3 COMMERCIAL BID

All commercial offers must be prepared online (An online form will be provided for this purpose in Online Commercial Envelope (C1), during **Online Bid Preparation** stage).

Any bidder should not quote his offer anywhere directly or indirectly in Technical Envelope (T1), failing which the Commercial Envelope (C1) shall not be opened and his tender shall stand rejected.

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Note: During Online Bid Preparation stage, bidders are allowed to make any changes or modifications in the bid data uploaded by them in Technical (T1) as well as Commercial (C1) envelope. Towards the end of Bid Preparation, once verification of EMD payment is successful, bidder completes the Bid Preparation stage by generating the Hash Values for T1 and C1. Post this, system won't allow him/her to make any further changes or modifications in the bid data.

33.3.4 Online Bid Submission

In this stage, bidders who have successfully completed their Bid Preparation stage are required to transfer the data, already uploaded by them during Bid Preparation stage, from their custody to department's custody.

Note: During this stage, bidders won't have any capability to make any kind of changes or editing into technical as well as commercial data.

33.4 OPENING OF BIDS:

The bids that are submitted online successfully shall be opened online as per date and time given in detailed tender schedule (if possible), through e-Tendering procedure only in the presence of bidders (if possible).

Bids shall be opened either in the presence of bidders or it's duly authorised representatives. The bidder representatives who are present shall sign a register evidencing their attendance. Only one representative per applicant shall be permitted to be present at the time of opening the tender.

33.5 TECHNICAL ENVELOPE (T1):

First of all, Technical Envelope of the tenderer will be opened online through e-Tendering procedure to verify its contents as per requirements.

At the time of opening of technical bid, the tenderer should bring all the original documents that have been uploaded in the Online Technical Envelope (T1) so that same can be verified at the time of opening of technical bid.

If the tenderer fails to produce the original documents at the time of opening of technical bid, then the decision of the committee taken on the basis of document uploaded will be final and binding on the tenderer.

If the various documents contained in this envelope do not meet the requirements, a note will be recorded accordingly by the tender opening authority and the said tenderer's Commercial Envelope will not be considered for further action but the same will be recorded.

Decision of the tender opening authority shall be final in this regard.

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The right to accept or reject any or all tenders in part or whole without assigning any reason thereof is reserved with Tender Opening Authority and his decision(s) on the matter will be final and binding to all.

The commercial bids shall not be opened till the completion of evaluation of technical bids.
The commercial Bids of only technically qualified Bidders as mentioned above will be opened.

33.6 COMMERCIAL ENVELOPE (C1):

This envelope shall be opened online as per the date and time given in detailed tender schedule (if possible), through e-Tendering procedure only,

Note: Commercial Offer has to be entered online only. An Online Form, similar to the Commercial format given below, will be available to the bidders in Commercial Envelope (C1) during Online Bid Preparation stage where bidders would quote their offer.

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33.7 Final List of Documents to be uploaded Online:

The following documents should be uploaded by the bidders in the form of PDF Files in the same order as mentioned below, on the e-Tendering website during **Online Bid Preparation** stage.

Sr. No.	List of Documents	Compulsory / Additional
	FOR TECHNICAL BID	
1	Covering Letter As per Format in EXHIBIT 1	Compulsory
2	Attested copy of Power of Attorney	Compulsory
3	Proof of Purchase of RFP	Compulsory
4	EMD as per Section-14.2 and Section-33.3.4.1	Compulsory
5	Certificate of incorporation / Registration and Service Tax registration certificate	Compulsory
6	CA's Certification regarding net worth of the bidder as on 31 st March 2018	Compulsory
7	Documentary Proofs as testimony for Evaluation of Technical bids as per criteria listed in Section-16.5	Compulsory
8	Technical Proposal as mentioned in Annexure-3	Compulsory
9	Manufacturer's Authorisation Form as per EXHIBIT 3	Compulsory
10	Duly filled, signed, and stamped Technical Compliance form as per Annexure - 3	Compulsory
11	OEM Common Criteria Certification for the Proposed SD-WAN Product / Solution.	Compulsory
	FOR COMMERCIAL / PRICE BID	
1	BoQ as per given Excel format	
1	Covering Letter As per Format in EXHIBIT 2	Compulsory
2	Price Bid in the format given in Annexure 4A , duly signed and sealed	Compulsory