

**Maharashtra Pollution Control Board, Govt. of Maharashtra invites e-bid for
Selection of Vendor for Supply, Implementation and Commissioning the
Backup Solution at Board's Data Centre**

Request for Proposal

For

**Selection of Vendor for Supply, Implementation and Commissioning the
Backup Solution at Board's Data Centre**

**Maharashtra Pollution Control Board, Govt. of Maharashtra invites e-bid for
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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 [Section - 9.5](#) Point 3. If this office receives no intimation by the date mentioned in [Section - 9.5](#) Point 3, it shall be deemed that the Bidder is satisfied that the Request for Proposal Document is complete in all respects.

1.1 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

1.2 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.

1.3 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.

1.4 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.

1.5 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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2 LIST OF ABBREVIATIONS

MPCB	Maharashtra Pollution Control Board
RO	Regional Office, MPCB
SRO	Sub 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	SI
MPLS	Multi-Protocol Label Switching
VPN	Virtual Private Network
Mbps	Mega Bits per Second
TB	Terabyte
SD-WAN	Software Defined Wide Area Network
SA	SI
IS	IT Security
SI	System Integration

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4 DEFINITIONS

4.1 BID

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

4.2 BIDDER

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

4.3 DOCUMENT / BID DOCUMENT

This Request for Proposal Document.

4.4 PROJECT

Selection of Vendor for Supply, Implementation and Commissioning the Backup Solution at Board's Data Centre

4.5 REQUEST FOR PROPOSAL

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

4.6 RESPONSIVE BIDDER

Responsive Bidder is the bidder whose bid is found responsive after evaluation of the Bid as outlined in [Section 9.2](#).

4.7 TENDER COMMITTEE

A committee consisting of MPCB Officials has been formed.

5 PROJECT CONCEPT & STRUCTURE

5.1 BACKGROUND

5.1.1 Maharashtra Pollution Control Board (MPCB) is an organization under the Department of Environment and Climate change, 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.

5.1.2 The Board has deployed IMIS, LIMS and various other applications, which are hosted in DC at MPCB Head office and replicated to DR. These applications produce data which is highly important and needs accurate backup solution.

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5.1.3 MPCB plans to deploy next generation Backup Solution which will contain Appliance, and latest LTO Backup to support rapid backup and restore and to improve RPO (Recovery Point Objective) and RTO (Recovery Time Objective).

6 CURRENT INFRASTRUCTURE

- 6.1 MPCB has a LIVE Data Centre facility at HO, Sion. The core infrastructure components viz Servers, Storage, Switches, Firewalls etc. which 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 offices are connected through SD-WAN and are protected through Firewalls. The infrastructure has a backup solution which backup's Enterprise data as per the schedule.
- 6.2 The details of the relevant current infrastructure and requirement are given for the convenience of the bidders at [Annexure -1](#).

7 OBJECTIVE OF THE RFP

- 7.1 MPCB has various applications hosted in its Datacentre environment. The last backup solution was sized 7 (Seven) years back, needs upgrade as size of the data has grown effecting the number of tapes and backup Appliance size requirement. The time taken to backup current data too needs to be reduced and brought to an optimal timeframe.
- 7.2 It may be noted that MPCB offices are in working state. The implementation needs to be carried out seamlessly and with no or minimal scheduled downtime(s), so that the working of MPCB continues in the same manner as before the implementation of Backup Solution.
- 7.3 If required, the bidder needs to inspect current the backup solution, Server(s) Storage(s), Virtualization. Application(s) and Database(s) to size as per current and next 5 (five) years growth requirement.

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8 EXECUTION PERIOD

- 8.1 The SI will be required to check the information as mentioned in [Section 7.3](#), inspect, and provide Backup Solution which will support Backup Appliance space for current backup size and policies (Daily Incremental and Weekly Full). The procurement and installation of new NetBackup Solution have to be completed within Sixty (60) days from the date of LoA.

9 DESCRIPTION OF THE SELECTION PROCESS

9.1 SUBMISSION OF BIDS

The submission of Bids by interested bidders in response to the Request for Proposal should be through e-Tender system only as mentioned in [Annexure-4](#). The Bids will be

- 9.1.1 Envelope 1 / Cover 1: Technical Bid
- 9.1.2 Envelope 2 / Cover 2: Price Bid.

9.2 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:

- 9.2.1 If Technical Bid does not conform to the minimum eligibility Criteria mentioned in [Section 14.1](#)
- 9.2.2 If online EMD not paid, as stipulated in the RFP
- 9.2.3 The proposal does not include sufficient information to be evaluated and/or is not in the formats specified in the RFP.
- 9.2.4 The proposal does not conform to the terms and conditions mentioned in the RFP.
- 9.2.5 The Bids of Responsive Bidders shall be evaluated in the following two steps.

a. STEP 1 (COVER 1) – TECHNICAL BID EVALUATION

In the first step, MPCB will evaluate the information submitted by the Bidder in Cover 1 of the Bid. Bids of only the responsive Bidders shall be considered for the subsequent technical evaluation. The evaluation criteria for assessment of the Technical Bid are described in [Section-14.1](#)

b. STEP 2 (COVER 2) – PRICE BID AND PRICE BID EVALUATION

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- 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 -15.5](#). The format for the Price Bid is specified in [Annexure - 3](#)
- b. A list of Bidders based on the results of the evaluation, as detailed in [Section-15.5](#) of this document, would be presented. The MPCB is bound to award a LoA to the lowest price bidder.

9.3 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.

9.4 SIGNING OF ORDER ACCEPTANCE

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

9.5 SCHEDULE OF ACTIVITIES

Sr. No.	ACTIVITY	Date
1.	Date of Start of Sale of RFP document	28/12/2022 11:00Hrs
2.	Date of End of Sale of RFP document	05/01/2023 17:00Hrs
3.	Last date for receipt of requests for clarifications	05/01/2023 17:00Hrs
4.	Pre-bid Conference	10/01/2023 15:00 Hrs
5.	Last date & time for receipt of Bids (Containing Covers 1 & 2) Bid Submission	18/01/2023 17:00Hrs
6.	Time and Date of Opening of Technical Bid (Cover-1)	20/01/2023 15:00 Hrs
7.	Presentation by the bidders on their project implementation and support methodology with proposed schedule of activities	To be announce later
8.	Opening of Commercial Bid (Cover-2)	To be announce later

Note:

- a) Bidders are also requested to read [Annexure – 4](#) 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.

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10 PROCEDURES TO BE FOLLOWED

10.1 ENQUIRIES & CLARIFICATIONS

Enquiries, if any, should be addressed to:

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

10.2 All queries that are received on or before the date mentioned in [Section 9.5](#) 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.

10.3 Request for clarifications received after the last date mentioned in [Section 9.5](#) Point 3, may not be addressed. Decision of the Board in the matter will be final.

10.4 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)

10.5 SUBMISSION OF THE BID

10.5.1 Cover 1 – Technical Bid

The information to be submitted by the Bidders as Cover 1 of their Bids is described [Annexure - 4](#).

10.5.2 Cover 2 – Price Bid

The Information to be submitted by the Bidders in the Price Bid (Cover 2) is described in [Annexure - 3](#).

The Bidders are requested to follow the Bid submission process which is detailed in [Annexure - 4](#) as per the schedule elaborated in [Section-31.2](#).

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11 INSTRUCTIONS TO BIDDERS

All Bidders should note the following:

- 11.1 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.
- 11.2 Strict adherence to formats, wherever specified, is required. Non-adherence to formats may be a ground for declaring the Bid non-responsive.
- 11.3 All communication and information should be provided in writing and in the English language only.
- 11.4 The metric system shall be followed for units.
- 11.5 The price quotations for the bid should be denominated in Indian Rupees.
- 11.6 All communication and information provided should be legible, and wherever the information is given in figures, the same should also be mentioned in words.
- 11.7 Arithmetical errors will be rectified as follows –
 - 11.7.1 If there is a discrepancy between the unit price and the total price that is obtained by multiplying quantities, the unit price will prevail
 - 11.7.2 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.
 - 11.7.3 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 the EMD will be forfeited.
- 11.8 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.

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- 11.9 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.
- 11.10 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".
- 11.11 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.
- 11.12 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.
- 11.13 MPCB reserves the right to reject any or all the Bids without assigning any reason whatsoever
- 11.14 Conditional bids may be summarily rejected.
- 11.15 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.
- 11.16 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 bona fide mistakes may be treated as an exception at the sole discretion of MPCB and if MPCB is adequately satisfied.
- 11.17 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.

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12 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.

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.

13 FEES AND DEPOSITS TO BE PAID BY THE BIDDERS

13.1 Fees for Request for Proposal (RFP) document

The RFP can be purchased by making a payment (non-refundable) of **₹10,000/- (Rupees Ten-Thousand-only)** through online payment. Please refer [Annexure 4](#) 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.

13.2 Earnest Money Deposit (EMD)

Bidders are required to submit an Earnest Money deposit (EMD) online for an amount of **₹2,00,000/- (Rupees Two-Lakhs-Only)**. Please refer [Annexure 4](#) 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.

13.2.1 MPCB shall reserve the right to forfeit the Bidder's EMD under the following circumstances:

13.2.1.1 If the Bidder withdraws his Bid at any time during the stipulated period of Bid validity as per [Section-9.5](#) and [Section-12](#) (or as may be extended).

13.2.1.2 If the Bidder, for the period of Bid validity:

13.2.1.2.1 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

13.2.1.2.2 Fails or refuses to execute the LoA (in the event of the award of the Project to him) and/or

13.2.1.2.3 Fails or refuses to furnish the Service Performance Guarantee within the stipulated time

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- 13.2.1.2.4 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.
- 13.2.2 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.
- 13.2.3 If any Bid is non-responsive or rejected after technical evaluation, the EMD of such Bidders shall be refunded.
- 13.2.4 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.

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

14 SUBMISSION OF TECHNICAL BID: COVER - 1

- 14.1 CRITERIA FOR MINIMUM ELIGIBILITY AND BID RESPONSIVENESS:
- 14.1.1 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.
- 14.1.1.1 The Bidder should be a corporate entity, public or private limited company registered / incorporated under The Companies Act, 1956, and in business of IT Security and Backup solutions for minimum FIVE (5) years.
- 14.1.1.2 The bidder should have a minimum average Turn Over for last five years is ₹15,00,00,000/- (Rupees Fifteen crores only) as on 31st March 2022.
- 14.1.1.3 The bidder must be **ISO 20000 or ISO 27001** certified having a Valid Certificate on the date of bidding.
- 14.1.1.4 The Bidder should be compliant to the technical specifications given in [Annexure 2](#).

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- 14.1.1.5 The organization must have certified resources on Payroll for the activities mentioned above and must provide proof of employment.
- 14.1.1.6 The Bidder should have officially purchased the RFP document from Maha-etender Website.
- 14.1.1.7 The Bidder should submit the EMD as stipulated in clause no [13.2](#).

14.2 Prequalification Table

Note: Bidder needs to enclose proof for each line time.

Sr. No.	Description	Proof Attached (Yes / No)
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 Security and Backup solutions for minimum FIVE (5) years.	
2)	The bidder should have a minimum average Turn Over for last five years is ₹15,00,00,000/- (Rupees Fifteen crores only) as on 31st March 2022	
3)	The bidder must be ISO 20000 or ISO 27001 certified having a Valid Certificate on the date of bidding	
4)	The organization must have certified resources on Payroll for the activities mentioned above and must provide proof of employment	
5)	Bidder must have office in Mumbai.	
6)	The Bidder should be compliant to the technical specifications given in Annexure 2 .	
7)	The Bidder should have officially purchased the RFP document from Maha-etender Website	
8)	The Bidder should submit the EMD as stipulated in clause no 13.2	
9)	The Bidder should be compliant to all the technical specifications given in Annexure 2 and must submit technical compliance sheet on OEM letter head, in absence of which the bid shall be summarily rejected	
10)	OEM must have good presence in Central and State Government and must share at least 2 (two) backup orders in State and Central Government in last 5 (Five) years as mentioned in technical bid evaluation criteria table below.	
11)	The bidder should be Authorised Dealer / Service Provider for the quoted products (Provide Manufacturer's Authorisation	

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	Form (MAF) duly signed by Authorised signatory of OEM / Manufacturer)	
12)	The bidder should not have been blacklisted or debarred by any Central/State Government Organization or Department in India during last 5 years at the time of bid submission (Self-certification signed by the Authorized Signatory, on the company letter head.)	

14.3 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-13.2 4. Certificate of incorporation / registration / GST 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-15.5 & Section-15.5.3 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

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15 Submission of TECHNICAL BID: EVALUATION CRITERIA & PROCESS

- 15.1 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.
- 15.2 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.
- 15.3 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.
- 15.4 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.
- 15.5 Evaluation of Technical Bid
The technical evaluation of the bidders will be done based on the criteria and marking system as specified as follows:

The technical evaluation of the bidders will be done based on the criteria and marking system as specified as follows:

Sr No	Criteria	Graded Marks	Maximum Marks	Testimonial to be presented
1	Constitution and Average Annual Turnover		5	Certificate from CA
A	Average Turnover (AT) of the organization for past 5 financial years ending 31st March 2022			
	> Rs 15.00 crores but ≤ 20.00 Crores	2		
	> ₹ 20.00 crores ≤ 25.00 Crores	3		
	> ₹ 25.00 crores	5		

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Sr No	Criteria	Graded Marks	Maximum Marks	Testimonial to be presented
2	Past Performance		35	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. Applicable for other slabs in section B.
A	Experience in Government Sector: Orders executed for supply and commissioning of Enterprise IT Infrastructure in PSU / State or Central Government Organization/ Defence in last 5 (Five) financial years ending March 2022. FMS orders will not be considered.			
	Orders = 2	5		
	Orders ≥ 3	10		
	Orders ≥ 6	15		
B	Experience of Enterprise IT Infrastructure Completed Orders for the following:			
	Two Orders for supply, Installation commissioning of Backup Solution in PSU / State or Central Government Organization in past 5 financial years ending March 2022	10		
	Two Orders for supply, Installation commissioning of Security Solution in PSU / State or Central Government Organization in past 5 financial years ending March 2022	10		
	Two Orders for supply, Installation commissioning of Networking Solution in PSU / State or Central Government Organization in past 5 financial years ending March 2022	10		
3	Organization Capabilities		5	
A	Bidding organization has a valid ISO 20000 or ISO 27001 Certification, as on the date of bidding	5		ISO certifications must be related to information technology or telecom.

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Sr No	Criteria	Graded Marks	Maximum Marks	Testimonial to be presented
4	Certified Professionals		30	
A	BE Professionals in Information Technology or Electronics or Computer Science or Telecommunications			Certificates Need to be submitted with proper validity. Minimum five employees of the bidder must possess valid certificate of the OEM for the products quoted. Certificate along with a declaration from HR stating they are Bonafide employees of the bidder's organization.
	1 to 2	3		
	3 and above	6		
B	Security Certified Professionals			
	1 to 2	4		
	3 and above	8		
C	Backup Certified Professional			
	1 to 2	4		
	3 and above	8		
D	Networking Certified Professionals			
	1 to 2	4		
	3 and above	8		
5	Presentation and Implementation Methodology		25	
Total Marks			100	

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15.1 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

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

15.1.1 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

15.1.2 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.

15.1.3 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.

15.2 PAYMENT TERMS

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

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15.2.2 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.

15.2.3 Payments will be made in the following stages.

Sr. No.	Stage	Percentage payable
1	Against Delivery	75%
2	Completion of Installation with CoOP.	15%
3	30 Days after Issue of CoOP	10%

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.

15.3 Liquidity Damages and Penalty:

For any delay in completion beyond Sixty (60) days 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.

15.4 EVALUATION OF PRICE BID: COVER 2

15.4.1 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-3](#) and given BOQ format of this RFP document. Price offer in any other format will result in rejection of the bid and disqualification of the bidder from the evaluation process.

15.4.2 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. 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.

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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.

15.4.3 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, in order 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.

15.4.4 AWARD CRITERIA

Final choice of MPCB to award this project to a suitable bidder to execute this project shall be made based on Lowest price.

15.4.5 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.

16 INDEMNIFICATION

16.1 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.

ASSIGNABILITY

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- 16.2 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.

17 CONFIDENTIALITY

- 17.1 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.
- 17.2 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.

18 CORRUPT & FRAUDULENT PRACTICES

- 18.1 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
- 18.1.1 "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.
- 18.1.2 "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 is 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.

19 TERMINATION OF CONTRACT

- 19.1 Termination for Default

Maharashtra Pollution Control Board, Govt. of Maharashtra invites e-bid for Selection of Vendor for Supply, Implementation and Commissioning the Backup Solution at Board's Data Centre

- 19.1.1 MPCB without prejudice to any other remedy available for breach of Contract may terminate the Agreement in whole or in part, by a 7 days' notice in writing to the SI for any one or all the following. On such termination, in addition to any other remedy available under the contract.
 - 19.1.2 The SI in the judgment of MPCB has made any misrepresentation of facts and / or engaged in corrupt, fraudulent practices.
 - 19.1.3 MPCB shall afford an opportunity to the SI to represent his case before termination of the agreement.
 - 19.1.4 The SI fails to complete the project within the given time frame as mentioned in [Section- 8](#) of this RFP.
 - 19.1.5 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 like those undelivered and the SI shall be liable to pay to MPCB for any excess costs occurred for procuring such similar services.
- 19.2 Termination for Insolvency
- 19.2.1 If the SI becomes bankrupt or otherwise insolvent, MPCB may terminate the Contract by giving written notice of 15 days to the SI. In this event, termination of the contract will be without compensation to the SI, provided that such termination shall not prejudice any right to action or remedy available to the MPCB which is provided in the RFP document.

20 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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21 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 delay 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.

22 LEGAL JURISDICTION

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

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EXHIBIT – 1

23 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 Vendor for Backup Solution Supply and implementation.

Please find enclosed one (1) original + one (1) copies of our Bid for “**Selection of Vendor for Backup Solution Supply and implementation.**” 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.

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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.

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 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

24 FORMAT FOR COVERING LETTER SUBMISSION- WITH PRICE BID

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 - 3](#))

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 Vendor for Backup Solution Supply and implementation.

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 – 3](#) 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

25 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

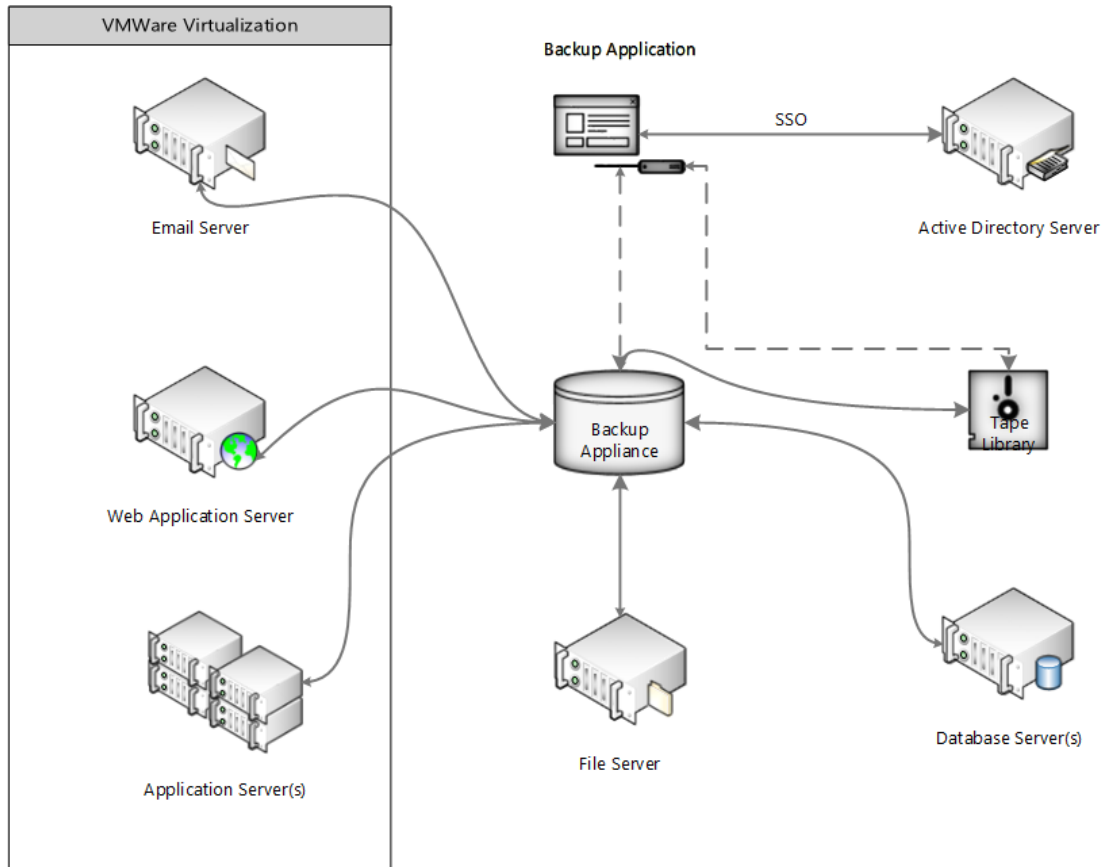
Signed

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

Dated:

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26 ANNEXURE – 1



Suggested Backup Solution and Architecture

26.1 Backup Solution

The solution must be enterprise grade with integrated data and information management. Software & Hardware both must safeguard, analyse, replicate, deduplicate and search backup data, where all share a common set of services and advanced capabilities, seamless integration with one another. The Appliance must provide infinite scalability and exceptional control of data.

The Software, Appliance and Tape must be able to exploit every feature provided in each other and provide at least 700+ Mbps Throughput.

The software must be able to backup MS SQL, VMWare VM's, Settings and Snapshots using client.

The solution must support Scale-out architecture and must have option to add additional capacity in future without impacting backup performance.

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27 ANNEXURE – 2

27.1 Scope of Work

27.1.1 Primary objective of the RFP is to implement Backup Solution. The solution must include.

27.1.1.1 Backup and Recovery: The software provided must seamlessly and efficiently backup and restore data from most majority operating systems, databases, and applications. The backup and recovery must use have options to use agents to backup file systems and applications. Data protection feature must be available for File Systems, Applications and Databases.

27.1.1.2 Virtual Machine Integration: The software must be able to Back up from VMWare using Agent or Application. The application must be able to recognize VMWare virtual environment and provide inventory and information about configuration, Virtual Machines, and options to securely backup the same.

27.1.1.3 Snapshot Management: The application must be able to take backups from different systems. Must have integrated solution to identify different snapshot options for Virtualization, Database and File blocks.

27.1.1.4 Security and Encryption: - The backup solution must have enterprise grade security and encryption features. The software must be able encrypt and protect backup data in case of attacks such as Ransomware.

27.1.1.5 User Management / Multifactor Authentication: The solution must have option to create access policies using Single Sign on in integration with Azure / Windows Active Directory. The Solution must have option to activate two factor authentication.

27.1.1.6 Deduplication: The application must be able to identify and remove duplicate data blocks during backup. The deduplication feature must be fully functional and available from day one.

27.1.2 Roles and Responsibilities.

27.1.2.1 The SI is responsible survey (If required) to correctly size the required Backup Solution which must support MPCB Enterprise and End Point System backup for next 5 (five) years.

27.1.2.2 MPCB will log complaints to SI for all Service, Support and Maintenance requirements. The SI can have a back-to-back support arrangement / agreement with OEM.

27.1.3 Product Support and Service Life

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- 27.1.3.1 The SI need to provide the Warranty, Support, and services for next 3 (three) years from date of completion of installation.
- 27.1.3.2 The SI is responsible to Support, Maintain and Carry out Quarterly Maintenance checks to update and maintain optimum functionality of the solution.
- 27.1.3.3 Provide replacement, repair services to faulty Disks, Appliance, Tape Drives, Tapes and maintain the backup solution in fully functional state within 48 Hours in case of any issues / failures / non-Working state.
- 27.1.4 Backup Solution requirements
 - 27.1.4.1 Implementation of maximum 3 to 4 Node 80 TB appliance at MPBC Sion Head Office Datacentre. First copy of the data will be backed up and must reside on the appliance at DC.
 - 27.1.4.2 The second copy of the data will be backed up on LTO8 tape drives. Dual Tape drives must be provided in the tape Library.
 - 27.1.4.3 All the required agents must be provided and installed on the servers / clients where data needs to be backed up.

28 Technical Compliance

- 28.1 Specifications of backup software
- 28.2 Specifications of Appliance

28.1 Specifications of backup software

Sr. No.	General Specifications for Backup Software
1	Proposed solution should support backup of various OS platforms like Windows, Linux and Unix and should provide integrated management view of complete backup, historical data archival, SLA, health status and replication.
2	The offered software should include application aware backups for standard and enterprise edition of MySQL, MS SQL, Oracle, PostgreSQL, and Exchange within backup GUI.
3	Proposed backup software should provide table level recovery for Oracle and MS SQL database.
4	The offered software must integrate with different hypervisors managers to backup different platforms including Hyper-V, VMware, RHEV, Oracle Virtual machine, Citrix Xen.
5	The proposed backup software should work with various storage hardware OEMs to provide functionality like deduplication, compression, encryption, BMR, replication, DB backup etc with different storage technology like Dell, HPE, Hitachi, NetApp, Cisco, Fujitsu etc.

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Sr. No.	General Specifications for Backup Software
6	Backup solution must support multi tenancy feature for creation of distinct data zones.
7	Proposed backup solution should be able to protect the backed-up disk volume from ransomware.
8	The software must keep single copy across backup and flat file archival with the help of data de-duplication across different electronic data repository for storage optimization.
9	Proposed backup software should provide global dedupe across all the backup jobs.
10	The offered software must include more than three Encryption algorithms (like 128-bit AES, 256 BIT AES etc) and it should not demand for additional license, any such license if needed should be quoted to cover complete infrastructure.
11	The offered software must provide complete integration of Server Backup, Virtual Machine Backup, Desktop / Laptop Backup, file Archival and Replication Solution with a single Console to manage all the solutions
12	Proposed software should include file archival feature to move historical data based on age and size file attributes for long term data requirement.
13	Proposed software should Support Enterprise Applications and Database Backups of Oracle RAC, SAP, MySQL, MariaDB, SAP HANA, DB2, MS SQL, DB2, Hadoop, MongoDB, Cassandra etc. on Windows, Linux, HP-UX and AIX
14	The offered backup software should be able to restore backed up data To original host To different host From failed job till the last point of data written on disk volume
15	The offered software solution must support IPV4 and IPV6 addressing system.
16	The offered software solution must have capability to do trend analysis for capacity planning of backup environment.
17	Should have the ability to archive flat file data with single repository for backup and archive for space efficiency and easier data management.
18	Backup software must support both source side and target side deduplication capability.
19	The software should be offered for 12 TB Front-end data capacity license and 10 user licenses for File Sync and share feature to provide Google drive like functionality to share data within organisation.
20	Proposed backup software should include backup of unlimited number of standalone systems, virtual machines, and database instance within proposed capacity license.
21	Backup software should have Capability to do trend analysis for capacity Planning of backup environment, extensive alerting, and reporting with pre -

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Sr. No.	General Specifications for Backup Software
	configured and customizable formats. Any specialized reporting modules needed must be quoted along with associated hardware to achieve this functionality.
22	Proposed software should have feature to replicate backup copy to one or multiple sites in proposed license.

28.2 Specifications for Appliance

Sr. No.	Appliance Specifications
1	The proposed backup appliance should have inbuilt disk storage, required operating system for backup and media Server and network components.
2	The proposed disk appliance solution should be compatible with different version of Windows, Linux, and UNIX platform to performs backup.
3	The proposed backup appliance shall be offered with 80 TB of usable disk storage capacity.
4	Proposed solution should be offered in RAID-6 or equivalent with SAS/SATA/NL-SAS disk drives with industry best practice of data and parity raid groups.
5	The proposed appliance should be offered with minimum 6 x 10Gbps NIC host port and 4 FC ports of 8/16 Gbps for tape out. There should not be any single point of hardware failure including power supply, cooling fans, controllers, ports, etc.
6	Proposed appliance should be offered with 80 TB usable storage with NSPOF and must be scalable to 160 TB without compromising on performance.
7	Proposed backup solution should have feature to configure source and target level inline data de-duplication. All necessary licenses should be included in solution.
8	Proposed appliance should support minimum backup throughput of 40 TB/hr when enabled with source and target level de-duplication with restoration performance of 4TB/hr.
9	Proposed backup appliance shall support 256-bit AES encryption functionality with inbuilt key management.
10	The proposed solution should support GUI and CLI based management and should be provided with a common GUI based management console.
11	Offered backup solution shall support data compression functionality.
12	Backup appliance system should have alert mechanism.
13	Proposed backup appliance should have auto data rebalancing feature whenever disk enclosures are added or removed for smooth operation during capacity addition or EOL.
14	Backup solution must have network resilience feature with WAN optimization/network throttling, which can be used for remote site backup in case of low bandwidth.

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Sr. No.	Appliance Specifications
15	Proposed appliance should support backup of VMware and database instances with granular recovery. Software must have integration with ESX hypervisor to archive non accessed/idle VMs to backup disk storage to free up the primary storage.
16	Proposed backup appliance should support direct access of VMDK from backup storage.
17	Proposed appliance should integrate with backup software to provide Enterprise File Sync and Share storage.
18	The proposed backup solution should be fully certified for all supported protocols to virtualized application environments. The proposed disk base backup appliance should support VTL, NFSv3, CIFS, NDMP or equivalent protocols to perform backups.
19	Proposed appliance should include backup of various HCI and virtualization technology. It should support Nutanix, vSAN, Hyperflex, VMware, Hyper-V, RHEV, Citrix, OVM agentless backup.
20	Proposed backup software should have option to filter backup of page file and swap partition from VMDK.
21	Proposed appliance should provide backup of MySQL, PostgreSQL, Oracle, MS SQL, MariaDB and MongoDB database.
22	Proposed appliance should include backup of MongoDB sharded cluster without stop and start of services
23	All the required or necessary licenses, including replication, must be perpetual and should be provided for the 12 TB front end data backup and archival to achieve all mentioned specifications.
24	Proposed appliance should support bi-directional, many-to-one, one-to-many, and one-to-one replication.

I hereby confirm that I am compliant to all the above points mentioned in [Annexure 2](#).

Signed and Stamped
Name of Authorized Signatory:
Date:

Note: This Self Certified [Annexure – 2](#) 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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29 ANNEXURE – 3

29.1 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 Price (In INR)	Qty	Amount	Taxes (INR)	Total Amount (INR)
		A	B	AXB	C	(AXB)+C
1	Perpetual Software: Capacity Based		50 TB			
2	3 Years Maintenance of Perpetual Software		1 Nos			
3	Hardware Appliance: a) 80 TB Usable Space b) Maximum 3 - 4 Nodes architecture c) 3 (Three) Years Warranty and Next Business Day Support. d) Remote Installation and Assistance. e) Tape Library (With 2 Drives) LTO 8 Or latest.		1 Nos			
4	LTO 8 or latest Tapes		12 Nos			
5	Cleaning Tape		1 Nos			
	Grand total (1+2+3+4+5+6)					

Grand Total Amount in Words Rupees _____

Note:

1. Grand Total is the sum of Price for all Components.
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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30 ANNEXURE – 4

30.1 Details for E-Tender Process
 Notice Details

Tender Reference no.	MPCB/EIC/e-Tender-221226-FTS-0019 Date: 26/12/2022
Name of Work / Item	Selection of Vendor for Supply, Implementation and Commissioning the Backup Solution at Board's Data Centre.
Cost of tender document & Mode of Payment	₹5,000/- (Rupees Five-Thousand-Only) (Non-Refundable) to be paid through Online Payment Modes I.e., Net Banking, Debit Card and Credit Card during Tender Document Download Stage.
EMD Amount & Mode of Payment	₹2,00,000/- (Rupees Two-Lakhs-Only) to be paid through Online Payment Modes I.e., Net Banking,
Date, Time, and Place of Pre-Bid Meeting	10/01/2023, 15:00 Hrs at MPCB Conference Hall, Kalpataru Point, 4 th Floor, opp. PVR Cinema, near Sion Circle, Sion (E), Mumbai-400 022
Venue of online opening of tender	MPCB Conference Hall, Kalpataru Point, 4 th Floor, opp. PVR Cinema, near Sion Circle, Sion (East), Mumbai - 400 022
Address for Communication	EIC Section MPC Board, Kalpataru Point, 4 th Floor, opp. PVR Cinema, near Sion Circle, Sion (East), Mumbai - 400 022
Contact Telephone & Fax Numbers	Tel. No. - 022- 240 87 295, 022- 240 10437 Fax - 022- 240 87 295 Email - eic@mpcb.gov.in
e-Tendering Helpline Support:	24 X 7 Help Desk Toll Free No.: 1800 3070 2232 Mobile No.: 7878007972, 7878007973, 7878007974

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30.2 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	27/12/2022	11:00	27/12/2022	17:00
2	E-tender Download	Bidders	27/12/2022	11:00	05/01/2023	17:00
3	Clarification for Pre-bid	Bidders	27/12/2022	11:00	05/01/2023	17:00
4	Pre-bid Meeting	Department	10/01/2023 15:00 hrs			
5	Bid Submission	Bidders	28/12/2022	11:00	18/01/2023	17:00
6	Envelope Opening Date (Technical Bid)	Department	20/01/2023	15:00	20/01/2023	15:00
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.

30.3 INSTRUCTIONS TO BIDDERS FOR E-TENDERING

30.3.1 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.

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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 enrol 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> 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 Preparation 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:-

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 in order 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 must 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.

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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.

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.

Hence, it is strongly recommended to bidders to initiate this payment well in advance prior to expiry of Bid Preparation stage in order to avoid elimination from Online Bidding Process on grounds of failure to make this payment.

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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30.3.2 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 Preparation stage**.

The list of documents for Technical Envelope is as follows:

Sr. No.	List of Documents	Compulsory / Optional
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-13.2	Compulsory
5	Certificate of incorporation / Registration and GST certificate	Compulsory
6	Documentary Proofs as testimony for Evaluation of Technical bids as per criteria listed in Section-15.5	Compulsory
7	Technical Proposal as mentioned in Section-31.5 and Annexure - 2	Compulsory
8	Duly filled, signed, and stamped Technical Compliance form as per Annexure - 2	Compulsory
9	Manufacturers Authorization Form	Compulsory

30.3.3 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.

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

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30.3.4 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.

30.4 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.

30.5 TECHNICAL ENVELOPE (T1):

First, 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.

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.

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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.

30.6 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.

30.7 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 / Optional
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-13.2	Compulsory
5	Certificate of incorporation / Registration and GST certificate	Compulsory
6	Documentary Proofs as testimony for Evaluation of Technical bids as per criteria listed in Section-15.5	Compulsory
7	Technical Proposal as mentioned in Section-31.5 and Annexure - 2	Compulsory
8	Duly filled, signed, and stamped Technical Compliance form as per Annexure - 2	Compulsory
9	Manufacturer's Authorisation Form as per EXHIBIT 3	Compulsory
FOR COMMERCIAL / PRICE BID		
1	Covering Letter As per Format in EXHIBIT 2	Compulsory

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Sr. No.	List of Documents	Compulsory / Optional
2	Price Bid in the format given in Annexure - 3 , duly signed and sealed	Compulsory

Note: During **Online Bid Preparation**, apart from the above-mentioned documents, if any need arises to upload additional documents in Technical Envelope, an option of '**Upload Additional Documents**' has been provided in the e-Tendering software which will be available to bidders during **Online Bid Preparation** stage