

## **HIGH COURT OF MADHYA PRADESH : JABALPUR**

### **NOTICE INVITING TENDER**

e-Tenders are invited by the High Court of Madhya Pradesh for the “Deployment of PM-WANI Wi-Fi Facility/Services at the Tehsil Courts in the State of Madhya Pradesh”. The last date of online tender submission is **05<sup>th</sup> March, 2025 before 06:00 P.M. (mandatory)**. The sealed tender complete in all respect addressed to “**Registrar General, High Court of Madhya Pradesh, Jabalpur**” must be submitted before **05:00 P.M. on 06<sup>th</sup> March, 2025 (mandatory)**. The technical bids of the tender shall be opened online on **07<sup>th</sup> March, 2025 at 11:30 A.M.** The detailed tender document is available in the official website of the High Court of Madhya Pradesh **[www.mphc.gov.in](http://www.mphc.gov.in)** and Government e-procurement portal **[www.mptenders.gov.in](http://www.mptenders.gov.in)**.

Sd/-

REGISTRAR GENERAL

# **HIGH COURT OF MADHYA PRADESH: JABALPUR**

**// NOTICE INVITING TENDER //**

Ref.No.Reg(IT)(SA)/2025/**157**

Dated: **27/01/2025**



**Bid Document for**  
**Tender for deployment of PM-WANI Wi-Fi**  
**Facility/Services at Tehsil Courts in the State of**  
**Madhya Pradesh**

**Note:-**This document contains total **62 pages** including cover. No change and modification in the document by the bidder is permissible.

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## Section – I

### **// SHORT NOTICE INVITING TENDER //**

The High Court of Madhya Pradesh invites online tenders from the parties empanelled with DoT (PM-WANI) for providing “Wi-Fi facilities / services at Tehsil Courts in the State of Madhya Pradesh”.

| EMD (In Rs.) | Cost of online Tender Document (In Rs.) | Date and Time of Pre-Bid Meeting   | Last Date / Time of online tender Submission      | Last Date/ Time of tender submission in hardcopy     | Date and Time of Opening of Technical Bid (online/ hardcopy) | Time for Completion of the work / project |
|--------------|---|--|---|--|--|---|
| 01 Lakh      | 1,000/-                                 | 05 <sup>th</sup> February, 2025<br>at 11:30 A.M.<br>in the<br>Committee<br>Hall No. 03 at<br>High Court of<br>Madhya<br>Pradesh,<br>Jabalpur | 05 <sup>th</sup> March, 2025 before<br>06:00 P.M. | 06 <sup>st</sup> March, 2025<br>before<br>05:00 P.M. | 07 <sup>th</sup> March, 2025<br>11:30 A.M.                   | 60 days                                   |

1. Tender documents may be viewed or purchased online by interested and eligible bidders from the website <https://mptenders.gov.in> after paying Tender fee of **Rs.1,000/-** and Processing Fee, as applicable. The tender document is also available in website <http://www.mphc.gov.in>.
2. Bidders can submit its tender online at <https://mptenders.gov.in/> on or before the key dates given above. The Physical copy of the Technical Bid along with copy of online EMD should also be submitted at the address below as mentioned above.
3. All further notifications/amendments, if any shall be posted on <https://mptenders.gov.in> and [www.mphc.gov.in](http://www.mphc.gov.in) only. No separate communication shall be made with individual Bidders.
4. **No financial bids are to be submitted in this tender.**

All other terms and conditions for submission of tender are contained in this document. If the date of submission/opening of the Bid is declared as holiday then the bids shall be submitted / opened on next working day.

***The Registrar General, High Court of Madhya Pradesh, Jabalpur (M.P.) reserves the right to accept or reject any or all bids without assigning any reason thereof.***

**Address for communication:-**

**Registrar General,  
High Court of Madhya Pradesh  
Jabalpur (M.P.)**

Email ID: - **regithcjbptd@mp.gov.in** with a copy to: - **mphc@nic.in**

**Landline: 0761-2623358**

## Section – II

### 2. Terms and Conditions for e-Tendering:-

- 2.1 For participation in e-tendering module, it is mandatory for prospective bidders to get registration on website **<https://mptenders.gov.in/>**. Therefore, it is advised to all prospective bidders to get registration by making on line registration fees payment at the earliest.
- 2.2 Tender documents can be purchased only online on payment of tender fees and downloaded from website **<https://mptenders.gov.in/>** by making online payment for the tender document fee.
- 2.3 Service and gateway charges shall be borne by the bidders.
- 2.4 Since the bidders are required to sign their bids online using class – III Digital Signature Certificate, they are advised to obtain the same at the earliest.
- 2.5 For further information regarding issue of Digital Signature Certificate, the bidders are requested to visit website **<https://mptenders.gov.in/>**. Please note that it may take up to 07 to 10 working days for issue of Digital Signature Certificate. Department will not be responsible for delay in issue of Digital Signature Certificate.
- 2.6 If bidder is going first time for e-tendering, then it is obligatory on the part of bidder to fulfill all formalities such as registration, obtaining Digital Signature Certificate etc. well in advance.
- 2.7 Bidders are requested to visit our e-tendering website regularly for any clarification and / or due date extension.
- 2.8 Bidder must positively complete online e-tendering procedure at **<https://mptenders.gov.in/>**

- 2.9 Department shall not be responsible in any way for delay /difficulties /inaccessibility of the downloading facility from the website for any reason whatever.
- 2.10 For any type of clarification bidders can / visit **<https://mptenders.gov.in/>**. In case of any assistance please call Help desk numbers 0120-4200462, 0120-4001002. Support timings: Monday to Saturday from 10:00 AM to 07:00 PM.
- 2.11 Interested bidders may attend the free training programme in Bhopal at their own cost. For further query please contact help desk.
- 2.12 The bidder who so ever is submitting the tender by his Digital Signature Certificate shall invariably upload the scanned copy of the authority letter as well as submit the copy of same in physical form with the offer of particular tender.
- 2.13 *The firms registered under NSIC and MSME (The vendor to be registered with both NSIC and MSME for claiming exemption of tender fees) are exempted for submission of tender fees only. But they have to submit valid EMD as per the tender requirement.***

## Section – III

### INSTRUCTIONS TO BIDDERS

1. The deployment of Public Wi-Fi under PM-Wani framework at Tehsil Courts in the State of Madhya Pradesh is to be done. This is a new framework for proliferation of Broadband through public Wi-Fi network namely Prime Minister's Wi-Fi Access Network Interface (PM-Wani) framework. The country is also undergoing a shift towards online by e-Court and digitization of cases records.

In view of the above, deployment of Wi-Fi access points under the PM-Wani framework in the Tehsil Courts premises is to be done.

2. **AMENDMENT OF BID DOCUMENTS:-**

At any time, prior to the date of submission of Bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify bid documents by amendments by issuing corrigendum / addendum in the website of the High Court.

3. **COST OF BIDDING:-**

The Bidder has to bear all the costs associated with the preparation and submission of the bid. Purchaser will, in no case, be responsible or liable for any of the costs, regardless of the conduct or outcome of the bidding process.

4. **EARNEST MONEY DEPOSIT (EMD):-**

4.1 The proposal should be submitted along with **only online** application fee of **Rs.1,000/- (Rupees One Thousand only)** and Earnest Money Deposit (EMD) of **Rs.1,00,000/- (Rupees One Lakh Only)** in the form of **online mode** through e-procurement tender portal **www.mptenders.gov.in** valid for the period of 06 month in favour of "***Registrar General, High Court of Madhya Pradesh, Jabalpur***". The Bid submitted without EMD and/or the application fee shall be summarily rejected.



4.2 The EMD of the successful Bidder will be returned when the Bidder has signed the Contract Agreement with the purchaser and has furnished the required Performance Guarantee.

4.3 The EMD will be forfeited:

(i) *If a Bidder withdraws its bid during the period of bid validity.*

**or**

(ii) *If the Bidder fails to accept the Purchaser's corrections of arithmetic errors in the Bidder's bid (if any),*

**or**

(iii) *If the Successful Bidder fails to sign the contract agreement with the purchaser,*

**or**

(iv) *If the Successful Bidder fails to furnish the Performance Guarantee within the stipulated time.*

#### **4.4 BID VALIDITY:-**

The bids shall remain valid for the period of **180 days from the date of last submission.**

#### **4.5 ONLY ONE BID PER PARTY:-**

Each bidder is permitted to submit ONLY ONE BID. In case it is found that any party has submitted more than one bid for the subject work(s) in any of the above capacities, all bids so submitted shall be summarily rejected and the EMPLOYER shall not entertain any further request/ correspondence in this matter.

#### **4.6 SUBMISSION OF PROPOSALS:-**

**4.6.1** All physical proposals have to be submitted ONLY in **HARD BOUND (Hard bound implies such binding between two covers through stitching or otherwise whereby it may not be possible to replace any paper without disturbing the document)** form with all pages sequentially numbered either at the top or at the bottom right corner of each page. It should also have an index giving page wise information of above documents. Incomplete proposal or those received without hard bound will summarily be rejected. **All the Pages and Papers to be signed and sealed by**

**the authorized signatory of the bidder.**

**4.6.2 The proposals shall be submitted in two parts, viz.:-**

(a) *Envelope-1: Containing Copy of Earnest Money Deposit (EMD) of Rs.1,00,000/- (Rupees One Lakh Only) valid for the period of six months. The envelope should be superscribed as "Envelope-1: EMD" at the top left corner of the envelope.*

(b) *Envelope-2: Pre-qualification Proposal and Technical Proposal super scribed as "Envelope 2 – Pre-qualification and Technical Proposal" (Containing duly signed PRE-QUALIFICATION PROPOSAL SUBMISSION FORM as prescribed in tender, Other required Pre-qualification documents, clause-by-clause compliance to the technical specifications of the equipments, all technical literature, brochures etc.). In the technical proposal, there should not be any indication about the prices (printed or otherwise) of any of the products offered.*

**4.6.3** All the sealed envelopes should again be placed in a single sealed cover superscribed as "**Tender document for deployment of PM-WANI framework at Tehsil Courts in the State of Madhya Pradesh**" bid from: M/s -----" "NOT TO BE OPENED BEFORE **11:30 A.M. on 07<sup>th</sup> March, 2025** which will be received as time mentioned in the Schedule of Events. The Bid is to be submitted to the "Inward / Receipt Section of the High Court of M.P., Jabalpur".

**4.6.4** The Bids and all correspondence and documents relating to the bids, shall be written in English language.

**4.7 LATE BIDS:-**

Any bid received by the Purchaser after the time and date for receipt of bids prescribed by the Purchaser in the tender may be rejected and returned unopened to the Bidder.

**4.8 MODIFICATION AND WITHDRAWAL OF BIDS:-**

**4.8.1** The Bidder is allowed to withdraw its submitted bid any time prior to

the last date prescribed for receipt of bids, by giving a written notice to the Purchaser.

4.8.2 Subsequent to the last date for receipt of bids, no modification/ withdrawal of bids shall be allowed.

4.8.3 The Bidders cannot withdraw the bid in the interval between the last date for receipt of bids and the expiry of the bid validity period specified in the Bid. Such withdrawal may result in the forfeiture of its EMD from the Bidder.

#### **4.9 LOCAL CONDITIONS:-**

4.9.1 Each Bidder is expected to fully get acquainted with the local conditions and factors, which would have any effect on the performance of the contract and /or the cost.

4.9.2 The Bidder is expected to know all conditions and factors, which may have any effect on the execution of the contract after issue of Letter of Award as described in the bidding documents. The Purchaser shall not entertain any request for clarification from the Bidder regarding such local conditions.

#### **4.10 CONTACTING THE PURCHASER:-**

Any effort by a Bidder influencing the Purchaser's bid evaluation, bid comparison or contract award decisions may result in the rejection of the bid.

5. The Tender document can also be downloaded from High Court of Madhya Pradesh, Jabalpur website ([www.mphc.gov.in](http://www.mphc.gov.in)) and tender portal <https://mptenders.gov.in/>.
6. The agencies are advised to visit the premises to get the onsite assessment of the work on any working day between **09:30 AM to 05:15 PM** by obtaining prior appointment from the undersigned.
7. If the date fixed for opening of the tenders is subsequently declared as holidays the Tenders will be opened on the next working day following the holiday but there will be no change in time for opening as indicated above.

8. **Tender Bidding Methodology:** Tender offline in prescribed tender form.

9. **Evaluation of Bid:**

As there is no any financial implication on the High Court of Madhya Pradesh, Jabalpur. Hence, the selection of the Agency for award the work or hire the agency will be solely on the Technical ground. There shall be a provision of certain Technical Check list/parameters (Criteria for App Provider certification and Criteria for PDOA certification) where for each point 01 mark has been awarded for complying. In case of Tie in the TENDER processing based on the assessment of marks, the agency with highest Average annual turnover for last three (03) years **i.e. Financial Years 2021-22, 2022-23 and 2023-24.**

**Important Note:-**The Contract on the basis of these Scope of work and Term and conditions for the period of Two (02) Years. The Service Provider/Preferable -1 agency's performance in terms of quality, delivery, after – sales service, credit terms and other contractual obligations will be closely monitored and periodically reviewed by the **CME (Contract Monitoring Committee)** during the Contract period.

Furthermore, empanelment of **Preferable-2, Preferable-3** service providers will be done for the period of Two (02) years. In case of unsatisfactory services provided by Preferable-1 service provider during the contract period (i.e. during 02 years), the contract agreement will be terminated and **Preferable-2 or Preferable-3** Empanelled Service provider/Bidder will be asked to provide the services on the same/stipulated Term & condition of Tender.

10. Name of the selected agency shall be communicated to the concerned person after evaluations of bids on all parameters selected agency will be called for formalities and documentation hereafter.

**Validity of Tender:** The validity of the Bid tender Document shall be for 180 days (Six Months) and after the acceptance and issue of Notification of award/conclusion of Contract the legal obligation/responsibility/assignment

shall be valid for Two (02) years extendable further one. 01 Year on mutual agreement based on satisfactory performance basis after completion of Two (02) years period.

11. The agencies are advised to visit the premises to get the onsite assessment of the work on any working day between 09:30 AM to 05:15 PM by obtaining prior appointment from the undersigned.
12. At any time prior to date of submission of tender, Tender Inviting Authority may, for any reason or decision, modify the terms & conditions of the tender document by a corrigendum displayed on the website of the High Court of Madhya Pradesh ([www.mphc.gov.in](http://www.mphc.gov.in)) as well as <https://www.mptenders.gov.in>. In order to provide reasonable time to take the amendment into account in preparing their bid, Tender Inviting Authority may or may not, at his discretion, extend the date and time for submission of tenders.
13. TECHNICAL PART shall consist of Technical Main Bid and Bid Annexure of the various documents to be submitted under the Eligibility Conditions, offline submissions, instructions to bidders and documents required establishing compliance to Technical Specifications and Other Terms & Conditions of the tender document.
14. The bidder has to submit the tender document(s) offline mode only in sealed envelope super scribed as Bid document for Tender for deployment of Wi-Fi facility/Services under PM-WANI at Tehsil Courts in the State of Madhya Pradesh in the tender box kept in the Central Stores, the Registrar General, High Court of Madhya Pradesh, Jabalpur-482001 well in advance before the prescribed time to avoid any delay or problem during the bid submission process.
15. **The Tender Inviting Authority (TIA)** will not be held responsible for any sort of delay or the difficulties faced during the submission of bids offline by the bidders due to postal delay and any local issues.

## Section - IV

### GENERAL TERMS AND CONDITIONS

1. **Parties:** The parties to the contract are the contractor (the tender to whom the work have been awarded) and the High Court of Madhya Pradesh by the Registrar General, High Court of Madhya Pradesh, Jabalpur for and on behalf of High Court of Madhya Pradesh, Jabalpur.
2. At any time, prior to the date of submission of bid, the Registrar General, High Court of Madhya Pradesh, Jabalpur may, for any reason whether at its own initiative or in response to a clarification required by a prospective bidder, modify the bid documents by amendments. The amendments shall be uploaded at the Registrar General, High Court of Madhya Pradesh, Jabalpur website and these amendments will be binding to all prospective bidders.
3. Any bid received after the dead line for submission of bids shall liable to be summarily rejected and returned to the bidder.
4. The High Court of Madhya Pradesh, Jabalpur shall open bids in the presence of bidders or their authorized representative who wish to be present at the time of opening of bids on due date. Authorization letter to this effect shall be submitted by the bidder before they are allowed to participate in bid opening.
5. Proposal against the tender may be submitted in the prescribed format and all columns may be filled up. Incomplete proposals and tenders received after due date shall not be entertained. The Institute shall not be responsible for any postal delay and delay in receipt of the offer. Any bids received by the Institute which does not fulfill the desired terms and conditions shall be rejected out rightly and no communication in this regard shall be sent. Delayed / Late Bids will not be accepted, at any circumstances.
6. The Principal Service provider offering for the Rate Contract may

furnish the name and address of their local authorized distributor / dealer, so that the copies of orders can be endorsed to them for expeditious supply.

7. Any addition and deletion of authorized dealership / distributorship shall be intimated to the undersigned immediately on authorization of a new party.
8. In case of supply of the service made through valid authorized dealer, their name & mail address may be declared / indicated in the Technical bid/tender.
9. The firm should not have been blacklisted by any Government or any other organization (**i.e. central / state govt. or its organization or autonomous bodies**) due to any malpractice or non-completion of project. ***An affidavit in original (on non-judicial stamp paper duly notarized) to this effect shall be given by the firm along with EMD.***

**11. Documents Comprising The Technical Bid:**

The bids submitted by the bidder shall comprise of **(A) Technical Bid and (B) required Annexure/Addendum**. The participating bidder must submit the following documents in support of their eligibility criteria: -

- (i) Valid registration certificate of the firm of the Govt. / State Govt.
- (ii) Duly filled format of Technical Bid as per annexure.
- (iii) Copy of constitution or legal status of the bidder manufacturer / Sole proprietorship / firm / agency etc.
- (iv) The bidder shall be a Principal /Authorized Distributors / Suppliers /Agents.
- (v) Authorization Certificate from the principal must be attached by Local Authorized Dealer.
- (vi) Copy of PAN Card.
- (vii) GST Registration Number.

- (viii) Latest GST Return.
- (ix) **Financial Status:** - ITR Copies and profit & loss account and balance sheets duly authenticate by a **Chartered Accountant for the last three years i.e. 2021-22, 2022-23 and 2023-24 should be closed.**
- (x) Copy of Income Tax Return Acknowledgement **for last Three years Financial Years-2021-22, 2022-23 and 2023-24.**
- (xi) Details of clients where similar services are presently provided by the tenderer separately for govt. and private clients (if any). **The Turnover duly certified by a chartered accounted for Similar Service shall be attached.**

## **12. Signing of Tender:**

- (i) Individual signing the tender or other documents connected with contract must specify whether he sign as:  
A sole proprietor of the concern or constituted attorney of such sole proprietor, A partner of the firm, if it is a partnership firm in which case he must have authority to execute the Contracts on behalf of the firm and to refer to arbitration disputes concerning the business of the partnership either by virtue of the partnership agreement or by a power of attorney duly executed by the partners of the firm.
- (ii) Executive Director or a principal officer duly authorized by the Board of Executive Directors of the Company, if it is a company.
- (iii) A person signing the tender form or any document forming part of the tender on behalf of another person should have an authority to bind such other person and if, on enquiry it appears that the person so signing had no authority to do so, the Registrar General, High Court of Madhya Pradesh, Jabalpur may without prejudice, cancel the contract and hold the signatory liable for all costs, consequences and damages under



the civil and criminal remedies available.

- (iv) The tenderer should sign and affix his firm's stamp at each page of the tender and all its annexure as the acceptance of the offer made by tenderer will be deemed as a contract and no separate formal contract will be drawn. **NO PAGE SHOULD BE REMOVED/ DETACHED FROM THIS NOTICE INVITING TENDER.**

**13. Deployment of Skilled Official/Control Room:** The firm/Agency shall establish Control room/employ skilled personnel, qualified enough to keep the services in perfect working order. They shall be able to locate the fault if any and set right the same within reasonable time period. The record of any repair, replacement and inspection shall be maintained in the register available at site.

**14.** The Services must be supported by a Service Centre/control room manned by the certified technical support engineers deputed/employed by bidder/Contractors/agency. The support through this Centre must be available 24 hours in a day, seven days a week and 365 days a year.

**15. Penalty:**

The PM-WANI frame work should be deployed within a period of **60 (Sixty days)** from the date of issue/receipt of the work order, failing which liquidated damage equivalent to **Rs.1000/- (Rupees One Thousand Only) for per day** or delay and maximum of **Rs.15,000/- (Rupees Fifteen Thousand Only)** shall be imposed to the Agency and same will be deducted from the Performance Security deposit. Thereafter the contract shall be terminated with forfeiture of performance security etc.

**Failure of service and negligence shall be measured in terms of the following:**

- (i) The firm/service provider will be ensured that during the service

contract period, the Wi-Fi services will be maintained in good condition and provide response within **02 hours** in working day after receiving the breakdown call or intimation from the user/ the Registrar General, High Court of Madhya Pradesh, Jabalpur via email/phone and to generate/assigned the tickets to the user department/ the Registrar General, High Court of Madhya Pradesh, Jabalpur as information that the troubleshooting process has started.

- (ii) In case of breakdown in services, the agency shall be liable to resolve the fault/ technical issues within 02 hours after receiving the information/ complaint. In case of down time of the services is more than **02** working hours, **then penalty of Rs. 100/- per hour will be imposed and after the 05<sup>th</sup> hour onwards Rs. 500/- per will be imposed** and same shall be **deducted/settled** from the **Performance security deposited by the contractor/agency**.
- (iii) If the Wi-Fi service failure is out of order for more than 4 hours during any day or, in case of intermittent failure and repetitive problems due to improper diagnosis or repair/maintenance the service will be treated as continuously down and it shall be considered as one day down time. In such case, the firm/agency/service provider will be required to pay a penalty of **Rs. 500/- (Rupees five hundred only)** per day per instance for in case the number of days of down time in each period of 365 days is more than the downtime permissible (**2 hours**), which is to be calculated as defined above and the delay for not bringing the services in functioning/working order is in any way directly, even partially, attributable to the firm.
- (iv) In case of any damage to any system/**Asset/property of Tehsil Courts** during the maintenance by the contractor /**agency**, the

contractor will be fully responsible for the same and will require to pay full damage to **the High Court.**

- (v) In case the contractor/agency failed to **resolve /rectify any fault /complaint** within **24 hours** (i.e. excluding gazette holiday) **without any valid reason**, it would be sufficient to conclude that the services of the contractor are not satisfactory and contract may be terminated along with forfeiting Performance Security.
- (vi) Breach of any clause of tender / agreement even after receiving prior written notice by the Registrar General, High Court of Madhya Pradesh.
- (vii) Any Misconduct/behavior on part of Manpower deployed by the agency for above works will not be tolerated and such persons will have to be replaced immediately.
- (viii) Any other matter which an act of negligence or breach of ethics by the service provider.

**16. Breach of Terms and Conditions:**

In case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to cancel the work order/ job without assigning any reason thereof and nothing will be payable by the Registrar General, High Court of Madhya Pradesh, Jabalpur in that event the security deposit shall also stand forfeited.

**17. Technical Evaluation:**

- (i) Detailed technical evaluation shall be carried out by Technical Bid Evaluation Committee (TBEC) pursuant to conditions in the tender document to determine the substantial responsiveness of each tender. For this clause, the substantially responsive bid is one that conforms to all the eligibility and terms and condition of the tender without any material deviation. The Institute's determination of bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence. The Institute shall evaluate the technical bids to determine whether they are complete, whether

required sureties have been furnished, whether the required documents have been furnished & are properly signed and whether the bids are in order.

- (ii) The High Court of Madhya Pradesh, Jabalpur shall have right to accept or reject any or all tenders without assigning any reasons thereof.

**18. Selection Criteria:**

Selection shall be as per technical qualification of **Annexure II (A) & Annexure II (B) gaining highest points**. In case of Tie, the order of preference/Chronology for selection of the service provider would be as under:-

- Service provider having highest average turnover for last 03 years from similar activities.
- Service Provider having provided the services in highest number of Govt. Institute/INI for PM-WANI.

**19. Force Majeure:**

- (i) Neither party shall be responsible to the other for any delay or failure in performance of its obligations due to any occurrence commonly known as Force Majeure which is beyond the control of any of the parties, including, but without limited to, fire, flood, explosion, Acts of God or any governmental body, public disorder, riots, embargoes, or strikes, acts of military authority, epidemics, strikes, lockouts or other labour disputes, insurrections, civil commotion, war, enemy actions.
- (ii) If a Force Majeure arises, the Bidder shall promptly notify the Registrar General, High Court of Madhya Pradesh in writing of such condition and the cause thereof. Unless otherwise directed by the Registrar General, High Court of Madhya Pradesh the Bidder shall continue to perform his obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. The Bidder

shall be excused from performance of his obligations in whole or part as long as such causes, circumstances or events shall continue to prevent or delay such performance.

**20.Arbitration:**

In the event of any dispute or difference arising out or touching upon any of the terms and conditions of this contract and / or in relation to the implementation or interpretation hereof, the same shall be resolved initially by mutual discussion and conciliation but in the event of failure thereof, the same shall be referred to the Registrar General, High Court of Madhya Pradesh or his nominee. The sole arbitrator will be appointed by Hon'ble the Chief Justice, High Court of M.P. and the decision of the Arbitrator shall be final and binding on the parties. The arbitration shall be in Jabalpur and the Arbitrator shall give his award in accordance with "The Arbitration and Conciliation Act, 1996".

**21.Governing Laws and Jurisdiction:**

The Agreement shall be governed by the laws in force in India. Any dispute arising in relation to the Agreement shall be subject to the Jurisdiction of the Court at Jabalpur.

**22.The Payment clause:**

As there is no any financial obligation imposes to the High Court of Madhya Pradesh, under this Tender. Hence, the High Court of Madhya Pradesh, shall not be responsible for any payment made to the service provider (principal/authorized) during any stage of this contract.

**23.Performance Guarantee:**

The Successful Bidder will be required to furnish performance guarantee in the form of Bank Guarantee issued by a Nationalized / Scheduled Bank in India equivalent to **05%** of the Purchase Order Value valid for a period of **26 months within 30 days** from the date of issue of Purchase Order. No interest on security deposit / earnest

money deposit shall be paid by the Institute to the tenderer.

#### **24. Bank Guarantee:**

- (i) The Bank Guarantee issued by following banks would be accepted. SBI or its subsidiaries, any Indian Nationalized Bank/Scheduled Bank, Export Import Bank of India, a foreign bank (issued by a branch outside India) with counter guarantee from SBI or its subsidiaries or any Indian Nationalized Bank, and any scheduled commercial bank approved by RBI having a net worth of not less than Rs. 500 Crores as per the latest annual report of the bank.
- (ii) The Performance Guarantee shall be as per the format approved by the Registrar General, High Court of M.P., Jabalpur.
- (iii) The Performance Guarantee shall be payable to the Purchaser as a compensation for any loss resulting from the Bidder's failure to complete its obligations under the contract. The Purchaser will discharge the Performance Guarantee after completion of the Bidder's performance obligations, including any warranty obligations, under the contract.
- (iv) The security deposit can be forfeited by order of this Institute in the event of any breach or negligence or non-observance of any condition of contract or for unsatisfactory performance or non-observance of any condition of the contract. Performance Security will be discharged /released after completion of contractor's performance obligations under the contract and after obtaining the No dues certificate from the Registrar General, High Court of Madhya Pradesh, Jabalpur.

#### **25. Subletting of Work:**

The firm shall not assign or sublet the work/job or any part of it to any other person or party without having first obtained permission in writing of the Registrar General, High Court of Madhya Pradesh, Jabalpur, which will be at liberty to refuse if thinks fit. The tender is

not transferable. Only one tender shall be submitted by one tenderer.

**26. Benefit of Technological up-gradation:**

If at any time during the period of contract, due to technological change or guidelines issued by the Govt. of India, any change in the hardware set up is required, device required to be replaced or a higher band width is to be provided, the vendor shall be bound to provide the same.

**27. Right to call upon information regarding status of work:**

- (i) The High Court of Madhya Pradesh, Jabalpur will have the right to call upon information regarding status of work / job at any point of time.
- (ii) To assist in the analysis, evaluation and computation of the bids, the Evaluation Committee or its authorized representative of the High Court of Madhya Pradesh, Jabalpur, may ask bidders individually for clarification of their bids. The request for clarification and the response shall be in writing but no change in the price or substance of the bid offered shall be permitted.

**28. Goods and Services Tax (GST) as per GST Act, 2017:**

The Agency solely will be liable for necessary Tax Deposition to the concerned Statutory Tax Department as per applicable rules. Bidders are required to quote strictly as per terms and conditions of the NIQ. Deviation to specifications must be brought out clearly giving deviation statement.

**29. Responsibility of Supplier Agency for Providing Copies of Relevant records:-**

The Service provider Agency shall provide the copies of relevant records during the period of contract or otherwise even after the contract is over as and when asked by the High Court of Madhya Pradesh, Jabalpur.

No bidder/or his representative shall bring or attempt to bring any political or other outside influence to bear upon any superior authority

or hospital functionaries to further this business interest. In doing so, tender of the concerned bidder will be rejected without assigning any reason.

**30. Others:**

No bidder/or his representative shall bring or attempt to bring any political or other outside influence to bear upon any superior authority or hospital functionaries to further this business interest. In doing so, tender of the concerned bidder will be rejected without assigning any reason.

The High Court of Madhya Pradesh, Jabalpur shall not be responsible for any financial loss or other damaged or injury to any item or person deployed/supplied by the Supplier Agency/Service Provider in the course of their performing the duties to this office in connection with Letter of award / purchase order / supply order for supplying / installation /commissioning / maintenance of awarded /assigned at the High Court of Madhya Pradesh, Jabalpur.

**31. EXCLUSIVE RIGHT:**

The Registrar General, High Court of Madhya Pradesh, Jabalpur, has the full and exclusive right to accept or reject, increase or decrease order quantity, any or all the tenders without assigning any reasons and also to cancel the supply at any time without assigning any reason.

**32. Electricity Charge: -**

Electricity Charge to be paid by the respective courts.



**Section - V**  
**Eligibility Criteria for bidders**

1. The Parties /Agencies empanelled with DoT (PM-WANI), shall be considered for participation in the Tender.
2. Tenderer / Bidder /Agency should have original of Empanelment Certificate with Department of Telecom, GOI (with photograph and signature of Proprietor/Executive Directors).
3. The successful firm will be required to provide services for deployment/functioning of PM-WANI Wi-Fi facility/Services at the all Tehsil Courts in the State of Madhya Pradesh for a period of **02 year from** the date of award the contract.
4. **Authorization Letter:** Authorization letter from the Principal Agency/Party for the contract period should be submitted along-with Technical Bid, failing which participation will not be considered.
5. In case a proposal is accepted the supplier / principal will have to sign an agreement deed with us on a non-judicial stamp of appropriate value while entering to contract.
6. Each page of the Tender Notice to be signed and stamped by the bidder in token of having accepted the same.
7. Copy of all credentials, documents & copies of certificate/information called for would be submitted as per tender.
8. Copy of the tender form duly filled-in by the tenderer clearly, neatly and accurately. Any alteration, erasers or over-writing will render the tender invalid. Alteration neatly carried out and attested over the full signature of tenderer, however, is permitted.
9. **GST/TAX:** The Bidder/Agency must have valid PAN & GST Registration Certificate.
10. Signed and scanned copy of certification from CA as a proof for filling

Income Tax Return of the firm/company for the last three financial years (i.e. Financial Years-2021-22, 2022-23 and 2023-24).

11. Signed scanned copies of certification from CA as a proof for turnover for last three Financial Years (i.e. for Financial Years-2021-22, 2022-23 and 2023-24). For this purpose a scanned copy of Letter/certificate duly certified by the Chartered Accountant/Company Secretary should be submitted.
12. The Bidder/Agency **which is having previous experience to providing services to any Central government institutions/State government institutions or private institution in the same line, may be given preference and as such the certification need to be attached for reference.**

**Section - VI**  
**Schedule of Requirement (Scope of work)**



**Telecom Regulatory Authority of India**



**PM-WANI FRAMEWORK**

**Architecture & Specification (Version 2.0)**



Mahanagar Door Sanchar Bhawan, JawaharLal Nehru  
Marg, New Delhi –110002

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## **Introduction**

The Internet is the single most self-empowering infrastructure available for a citizen in the 21<sup>st</sup> century. The World Bank observed that a 10% increase in internet penetration leads to a 1.4% increase in GDP. Access to the Internet is considered a basic human right by many countries globally, including Estonia, Finland and France. In India, access to data is still limited due to poor coverage of fiber/telecom and prohibitive pricing of cellular data.

Wi-Fi is a complementary, not competing technology to TENDER. Public hotspots hold an important place in the last-mile delivery of broadband to users. Wi-Fi is much easier to scale than adding new TENDER towers. It bolsters connectivity inside buildings, airports, etc. where TENDER penetration is inherently limited. It allows for off-loading from telecom networks to ease congestion, and will be crucial when the next billion IoT devices come online. Yet, there are only 31,000 public Wi-Fi hotspots in India, compared to 13 million in France, and 10 million in the United States of America.

It is not enough to only install more routers. TRAI aims to offer a seamless experience to end users, both residents and international travelers. To provide a simplified, consistent experience across hotspots from various providers means unbundling authentication, payment and accounting from hardware and software running on the Access Point. This will allow small entrepreneurs such as tea shops, to set up and maintain Access Points. Whereas, device manufacturers, payment companies, ISPs /Telcos and Consumer Internet companies can provide the remaining pieces to set up Public Data Offices (PDOs).

The unbundling is also important from the point of view of scale. PDOs will be akin to the PCOs that connected all of India, even when tele-density was less than 7 telephones per 100 people. It is also suggested that the Public Wi-Fi Hotspots store community interest data locally, and allow access to it through negligible costs. Overall, the

introduction of public Wi-Fi network should encourage the PDOs to become bustling centers of economic activity.

TRAI has conducted multiple consultations regarding this which began in July 2016 and has released papers and notes regarding this. TRAI has also initiated a pilot in July 2017 to conduct field trials. All related documents are available on TRAI website.

### **Project Mission**

The vision of this initiative is to establish an Open Architecture based **Wi-Fi Access Network Interface (WANI)**, such that:

1. Any entity (company, proprietorship, societies, non-profits, etc.) should easily be able to setup a paid public Wi-Fi Access Point.
2. Users should be able to easily discover WANI compliant SSIDs, do one click authentication and payment, and connect one or more devices in single session.
3. The experience for a small entrepreneur to purchase, self-register, set-up and operate a PDO must be simple, low-touch and maintenance-free.
4. The products available for consumption should begin from “sachet-sized”, i.e. low denominations ranging from INR 2 to INR 20, etc.
5. Providers (PDO provider, Access Point hardware/software, user authentication and KYC provider, and payment provider) are unbundled to eliminate silos and closed systems. This allows multiple parties in the ecosystem to come together and enable large scaled option.

### **Document Objectives**

These document intends to provide detailed technology specifications for various providers to ensure full WANI system interoperability. All providers must ensure compliance with this specification to be part of this initiative. This is a technical document and does not fully cover detailed policy aspects and enabling framework.

TRAI believes that through unbundling of services, multi-provider ecosystem, and easy regulatory process, millions of Wi-Fi access points

can be enabled across the country that allows users to connect via single-click authentication and use it with ease.

**NOTE:** This is a draft specification which may undergo changes before becoming final specifications based on feedback from ecosystem during pilot.

### **Glossary of Terms**

|                     |  |
|---------------------|--|
| <b>PDO</b>          | Public Data Office   |
| <b>PDOA</b>         | Public Data Office Aggregator  |
| <b>APP</b>          | Application – mobile app provisioned as frontend for users to access and connect to the available Wi-Fi hotspots |
| <b>AP</b>           | Access points distributed across the city  |
| <b>IP</b>           | Internet protocol address assigned to all the elements in the architecture                                       |
| <b>JSON</b>         | JavaScript Object Notation   |
| <b>URI/URL</b>      | Uniform Resource Identifier/Locator  |
| <b>CP</b>           | Wi-Fi Captive Portal   |
| <b>OTP</b>          | One Time Password  |
| <b>SSID</b>         | Service Set Identifier   |
| <b>MAC</b>          | Media Access Control – A globally unique ID/address given to physical network devices.                           |
| <b>ACCESS POINT</b> | Wireless hardware device that allows other devices to connect Over Wi-Fi to a network/Internet.                  |
| <b>HOTSPOT</b>      | A physical location where Wi-Fi Access Point is available for People to connect to Internet.                     |

### **Detail Specifications High Level Architecture**

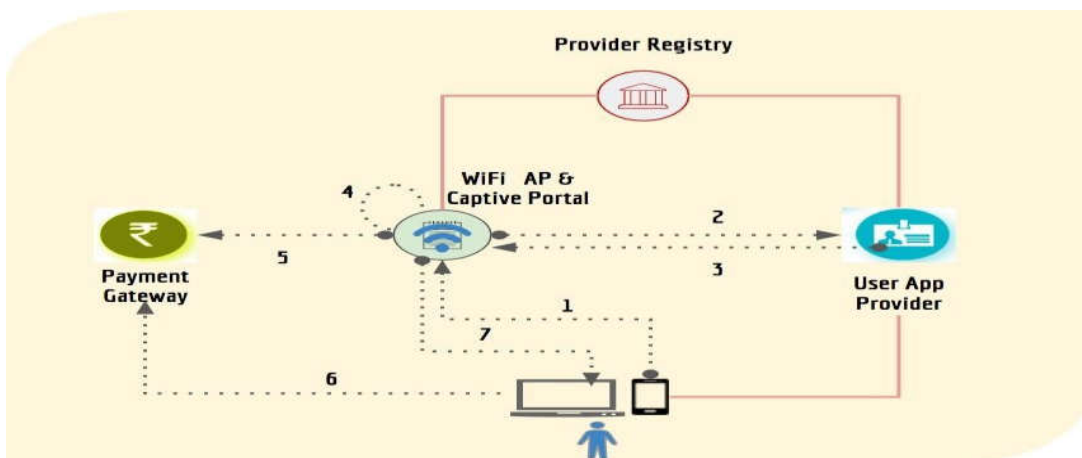
#### **Players in the ecosystem**

- **PDO/PDOA:** Any Indian entity (companies, associations, small merchants, etc.) having a PAN number wanting to provide one or more WANI compliant Wi-Fi hotspots to public using either free or paid model. They conform to the governing rules laid out by TRAI under this framework.
- **Hotspot Hardware/Software/Service Provider:** Any software or service provider who is providing necessary software, hardware, services, and/or support for PDOs to setup WANI compliant Wi-Fi hotspots. These can be any software/service provider, either Indian or global. It is expected that these providers will offer a Wi-Fi-in-a-box solution for PDOs. Their software will need to be compliant to specifications laid out in this document. They will also

integrate with a bank or a payment gateway for collecting payment from user.

- **User App Provider:** Any company providing a software application and backend authentication infrastructure for users to signup, discover WANI compliant Wi-Fi hot spots, and do single-click connect from within the app. This app allows users to create a profile, do their KYC (mobile verification), and allow setting up preferences for MAC-IDs for various accessing devices and payment methods. This app should allow users to discover WANI compliant hotspots and connect to it. In addition, App Provider must offer a backend user authentication service that is called by Wi-Fi Captive Portal software whenever user connects to obtain a signed user profile.
- **Central Registry of Providers (or simply Provider Registry):** A central registry managed by DoT/ TRAI or an entity approved by DoT / TRAI containing information about the PDOs/PDOAs, and User App providers in a digitally signed XML format. This is a relatively static registry where approved providers are allowed to manage their profiles. Actual specification of the registry is provided later in this document.

## High Level Flow





## **One Time Flow**

One time flows are depicted in red lines in above diagram.

- PDO/PDOA completes Self-Registration with Provider Registry using their public certificate (for signature validation). They also register their Wi-Fi Access Points, SSIDs, and locations.
- User App provider is also registered with Provider Registry along with their authentication URL and public certificate (to validate their digital signature).
- User completes one time KYC with App Provider through their App. User App caches trusted SSIDs from Provider Registry from time to time.

## **Usage Flow**

Usage flows are depicted in dotted lines in above diagram. Bullet number below corresponds to the number depicted within the diagram above.

1. User opens the App in which user has already registered and allows discovery and connection to WANI compliant Wi-Fi access points. Within the app, user browses for nearby WANI compliant SSIDs and then chooses one SSID to connect to.
2. Wi-Fi Captive Portal of the PDO initiates user authentication with App provider backend using the token passed from the app.
3. App provider backend returns a signed user profile token back to Wi-Fi Captive Portal.
4. Wi-Fi Captive Portal displays data packs available with their charges. User selects desired data sachet, click to confirm the terms.
5. Wi-Fi Captive Portal sends request for payment through their payment gateway.
6. User completes payment.
7. PDOA activates all devices of the user which connects using “username”/ “password” credential that was part of the signed profile

and allows it to connect to the session without additional authentication. Pack is activated and user can begin browsing.

## **Specifications**

Following sections describe the technical specifications for Provider Registry, user signup, user authentication, and usage. Providers must ensure they comply with these specifications for ensuring interoperability across the country.

### **Provider Registry**

Provider registry is maintained by DoT / TRAI for ensuring all authorized providers are identified, discovered, and trusted by the eco system. Providers will be given an account on the site where registry is maintained for managing their profile, public keys, and other details.

Currently the Provider Registry XML will be made available on the following:

**[URL:https://pmwani.cdota.in/wani/registry/wani\\_providers.xml](https://pmwani.cdota.in/wani/registry/wani_providers.xml)**

This registry XML will be updated when ever data changes in provider database. Applications reading this and caching the registry should respect the “ttl” (Time to Live) parameter and ensure it is refreshed to get latest data. It is also critical to ensure sub-registries linked via the main registries also need to be downloaded based on the need.

Schema (XSD will be made available separately) for wani\_providers.xml is:

```
<WaniRegistrylastUpdated="" ttl="">
<PDOAs>
  <PDOAid=""name=""phone=""email=""apUrl=""status=""
  rating="">
    <Keys>
      <Key exp="">base-64 encoded public
      key</Key>
    <Keys>
  </PDOA>
</PDOAs>
<AppProviders>
  <AppProvider id="" name="" phone="" email="" authUrl=""
  status="" rating="">
```

```

    <Keys>
      <Key exp="">base-64 encoded public
      key</Key>
    </Keys>
  </AppProvider>
</AppProviders>
</Signature>
</WaniRegistry>

```

| Element/Attribute            | Description   |
|------------------------------|---|
| Wani Registry                | Root element of the registry  |
| Wani Registry→ last Up dated | Timestamp in YYYYMMDDhhmmss format providing when the registry XML was last updated. Useful for cache refresh.  |
| Wani Registry→ttl            | Time To Live in hours suggesting how long this data should be cached before checking for change. Default is "24".   |
| Wani Provider→ PDO As        | Parent element for listing of all PDOAs.  |
| PDOAs→PDOA                   | Repeating element providing one entry per PDOA.   |
| PDOA→id                      | Unique provider ID within the registry.   |
| PDOA→name                    | Name of the provider entity.  |
| PDOA→phone                   | Contact number of the provider entity.  |
| PDOA→email                   | Email of the provider entity.   |
| PDOA→apUrl                   | URL to the signed XML where all Wi-Fi Access Points of these providers along with MAC-IDs, and location is listed. This list is grouped by location to make it easier for applications to cache parts of this. At a later point, when the numbers of entries are in millions, this list itself may be further split with URLs pointing to sub- lists. Applications should start from this main registry and use the URLs within these XMLs to auto navigate the |
| PDOA→status                  | Current status of the provider. Valid values are INPROCESS, TEMPORARY, ACTIVE, INACTIVE, SUSPENDED,   |
| PDOA→rating                  | User rating of the provider. This is a decimal value between 0 and 5. This is meant for future use.   |
| PDOA→Keys                    | Parent element where public keys are listed.  |
| Keys→Key                     | Individual public keys to validate the signature of the PDOA. When integrating via APIs across ecosystem partners, it is necessary to sign the API requests and responses to establish trust. This element will contain the base-64 encoded certificate in X509 V3 format. Currently SHA256withRSA (2048 bit key) is the supported signing algorithm.   |
| Key→exp                      | Expiry of the key in YYYYMMDD format. This is provided to support co-existence of multiple keys and is required for key   |
| Wani provider→App Providers  | Parent element for listing of all user application providers.   |
| App Providers→App Provider   | Element representing individual app provider.   |
| App Provider→id              | Unique id of the app provider within the registry.  |
| App Provider →name           | Name of the app provider.   |
| App Provider→phone           | Contact number of the app provider.   |

|                      |   |
|----------------------|---|
| App Provider→email   | Email of the app provider.  |
| App Provider→authUrl | Authentication URL (API endpoint) of the app provider against which Wi-Fi Captive Portal will call to authenticate and obtain the signed user profile. This must be an HTTPS URL into which authentication input data can be sent in the body.  |
| App Provider→status  | Current status of the provider. Valid values are INPROCESS, TEMPORARY, ACTIVE, INACTIVE, SUSPENDED, BLACKLISTED.  |
| App Provider→rating  | User rating of the provider. This is a decimal value between 0 and 5. This is meant for future use.   |
| App Provider→Keys    | Parent element where public keys are listed.  |
| Keys→Key             | Individual public keys to validate the signature of the App Provider. When integrating via APIs across ecosystem partners, it is necessary to sign the API requests and responses to establish trust. This element will contain the base-64 encoded certificate in X509 V3 format. Currently SHA256withRSA (2048 bit key) is the supported signing algorithm. |
| Key→exp              | Expiry of the key in YYYYMMDD format. This is provided to support co-existence of multiple keys and is required for key rotations.  |

Wi-Fi Access Points (pointed by "apUrl" parameter of the PDOA) XML format:

```

<WaniAP List last Updated="" ttl="" provider Id="">
<!-- location element repeats -->
<Location type="DISTRICT" name="" state="">
    <AP macid="" ssid="" cpUrl="" status="" rating=""
    geoLoc="">
        <Tag name="OPENBETWEEN" value=""/>
        <Tagname="AVGSPEED" value=""/>
        <Tagname="FREEBAND" value=""/>
        <Tag name="PAYMENTMODES" value=""/>
    </AP>
</Location>
</Signature>
</WaniAPList>

```

| Element/Attribute      | Description  |
|------------------------|--|
| WaniAPList             | Root element of the registry where all WANI compliant Wi-Fi Access Points are listed for a provider.   |
| WaniAPList→lastUpdated | Timestamp in YYYY MM DD hh mm ss format providing when the registry XML was last updated. Useful for cache refresh.  |
| WaniAPList→ttl         | Time To Live in hours suggesting how long this data should be cached before checking for change. Default is "24".  |
| WaniAPList→providerId  | Id of the provider. This is same id as the Wani Registry XML.  |
| WaniAPList→LocatiOn    | Repeating element organized by location of the Access Point.   |
| Location→type          | Type of location used for grouping. Currently it will be grouped by DISTRICT. In future further grouping may be supported.   |
| Location→name          | Name of the location which is used for AP grouping. Currently this will be name of the district.   |
| Location→state         | Name of the State in which this Access Point is located.   |
| Location→AP            | Element depicting one Access Point. This element repeats.  |
| AP→macId               | MAC-ID of the Access Point.  |
| AP→ssid                | SSID of the Access Point.  |
| AP→cpUrl               | URL of the Wi-Fi Captive Portal  |
| AP→status              | General status of the AP. Valid values is ACTIVE, INACTIVE.  |
| AP→rating              | User rating of the provider. This is a decimal value between 0 and 5.  |
| AP→Tag                 | <p>Various tags describing the AP features.</p> <ul style="list-style-type: none"> <li>• OPEN BETWEEN – value should be in the format hh-hh where hh represents time between 00 and 24. E.g., 09-17 (depicting 9 am to 5 pm) or 00-24 (depicting 24 hr availability).</li> <li>• AVGSPEED – Average speed in Mbps of the AP. It should be a positive integer. E.g., 2 meaning 2Mbps.</li> <li>• FREEBAND – If this AP offers any free band in minutes. E.g., a value 10 depicts 10 free minutes. A Special value -1 depicts ALWAYS free.</li> <li>• PAYMENTMODES – Allowed payment modes. Values can be CASH, COUPON, CREDITCARD, DEBITCARD, NET BANKING, UPI, and WALLET. More enumerations may be added based on RBI approved payment schemes in India.</li> </ul> |

### **User Signup and Profile Management**

Users are expected to use some software application (mobile/desktop/etc.) provided by the "App Provider" for user signup, KYC, and profile management. User App should provide the following key features during user signup and profile management:

1. Users install an app from the App Provider.
2. App MUST capture user mobile number and does a

Mobile number verification (via OTP or GSM Mobile Connect or any other mechanisms).

3. App also allows creation of mandatory “username” and “password”. “User name” shall be unique within the App Provider system. This is shared with Wi-Fi provider during authentication and used for audit and traceability.
4. App also allows user to change the “password”.
5. App should allow user to setup profile with Additional optional attributes:
  - a. Email – user should be able to optionally setup email for getting alerts, etc.
  - b. Preferred payment address – This is ONLY for capturing UPI or Wallet address in the form **upi://vpa/token** (VPA is Virtual Payment Address for UPI collect transaction) or **wallet://acc-no@ppi/token**. App Provider MUST NOT capture or store ANY sensitive information such as credit card number. All other types of payment will be directly handled by Wi-Fi Captive Portal.
  - c. If the User App is also a payment app (like UPI/Wallet app), then additional optional token string can be used to provide auto- deduct/offline/other additional payment functionalities.
6. App MUST also allow users to easily connect multiple devices to various Wi-Fi hotspots.
  - a. This allows the user to have more than one device to be connected to Wi-Fi hotspots within same session.
  - b. This is critical to allow the devices used by user to also connect using the common append authentication. For example, by connecting the mobile phone to the Wi-Fi network, user may also connect his/her laptops or connected cars or other future devices.
  - c. The user shall not enter the “username” and “password” manually while connecting through the App. The “username” and “password” shall be provisioned automatically in the network when connect to Wi-Fi hotspot to provide seamless user experience.
  - d. **The user shall enter “username” and “password” manually on captive portal incase of devices where App is not installed.**

## Access Point Discovery

1. User App should allow users to discover nearby WANI compliant Access Points by detecting nearby SSIDs and verifying the MAC-IDs against the SSID Registry.
2. In addition, optionally user App can provide location specific searches and allow users to discover “nearby” Wi-Fi hotspots without being the Wi-Fi range. SSID registry can be cached locally by app smartly for doing location level searches.
3. App should also optionally allow users to save “favorites”, “most recent”, etc. for easy selection of regular connections.
4. In addition, ideally App may also provide easy sorting and selection of access points based on the “Tag” attributes such as when AP is available, average speed, rating, etc. This allows users to select best AP within available selections.
5. App must provide a mechanism for users to rate the access points and providers.

## Connecting to Access Point and Usage

1. Whenever users want to connect to public Wi-Fi hotspot using this scheme, they can open their App, browse WANI compliant Wi-Fi hotspots (see section on discovery above), and click connect.
2. App creates a token Wani app token which needs to be passed to Wi-Fi Captive Portal. This token is created as below:

Wani app token = <app-provider-id>|<enc-token>

enc-token MUST NOT be a fixed value to ensure it is not can be reused beyond a session. It MUST be encrypted using App provider public key so that only App provider backend can decrypt this token. It is created as below:

enc-token = base-64(RSA-Encrypt(token)) token =

```
{ "ver": "1.0", // version of the token structure
  "timestamp": "YYYYMMDD hh mm ss", "username": "", //
  username of user (mandatory) "password": "", // password
  created by the user (mandatory) "apMacId":
  "A1:22:33:44:55:AF", // MAC ID of the Wi-Fi radio of
  Access point which SSID is selected (mandatory)
  "device MacId": "12:22:33:44:55:BA", // MAC ID of the
  User device after selecting SSID (optional) "appId": "",
  // App id to handle multiple apps from same provider "appVer":
  "", // version of app to handle multiple app versions "totp": "",
  // TOTP generated by the app. This is essential to ensure
  App provider server can trust origin of this token
  "custData": {} // any custom JSON data structure needed by the
```

app}

3. App base-64 encodes the token and passes it on to captive portal using parameter name **wani app token** (can be passed as part of GET parameter).
4. E.g., `http://portal.com/?waniapptoken=FG23A|ZDM3MzQxM2RIYjc0NGIyNGM2Mjl2MTM2MTY0MGVmN2Q3MGI4YjcxZjlmMTMyOTQ4NzdmNmY5OWViZjFINTk3Yg==`
5. Wi-Fi provider's Captive Portal should look for wani app token parameter and process it as below:
  - a. Extract the App Provider ID from the token prefix (string until the "|" delimiter within the token).
  - b. Verify the App Provider ID against the locally cached WANI Registry (Wani Registry → App Providers → App Provider\*id=,id+) and obtain authUrl for that App Provider.
  - c. Encrypts the wani app token using PDOA private key as below to create a new token  
`wanipdoatokenwanipdoatoken=<PDOA-Id>|<key-Exp>|<base-64(RSA-Encrypt(waniapp token))>`
  - d. Calls the authUrl by passing the signed token wanipdoatoken as part of the URL parameter. This MUST BE an https call.  
`https://auth.app-provider.com/?wanipdoatoken=12GF34|MjAxODA4MTV8NTIGMDIyOTM5NTdBRTI4N0Q3RDdBOTFEMEUE1OEUE2RTQ3OUU4NDZkYjYwMDQwM0U5N0ZGQzQ1RTE1RDRBMjcwMw==`
6. App Provider backend server should do the following on their server:
  - a. Extract the PDOA-Id from the parameter (token prefix).
  - b. Verify the PDOA ID against the locally cached WANI Registry (Wani Registry → PDOAs → PDOA\*id=,id+).
  - c. Once verified, take the public key of the PDOA corresponding to the key- exp parameter from WANI registry (WaniRegistry → PDOAs → PDOA\*id=,id+ → Keys → Key\*exp=,key-exp}})-
  - d. Decrypt using the waniapptoken from the wanipdoatoken using the public key of the PDOA.
  - e. Decrypt wani app token using their own private key and verify the token structure, TOTP, etc.
7. After validation of the wani app token, App Provider should return the following structure back to Wi-Fi Captiveportal:

```
{"ver": "1.0", //versionoftheprofileformat
"app-provider-id": "", //mandatory-ID from Wani Registry
"app-provider-name": "", // name from Wani Registry
"timestamp": "YYYYMMDDhhmmss", //current time stamp
"Username": "", //mandatory
```



**“password”:** "", // password created by the user (mandatory)  
**“apMacId”:** “A1:22:33:44:55:AF”,//MAC ID of Wi-Fi radio of the  
**Access point which SSID is selected (mandatory)**

**“payment-address”:** "",//upi://vpa/tokenorwallet://ac-no@ppi/token

**“deviceMacId”, “12:22:33:44:55:BA”,//MAC ID of the User  
device after selecting SSID (optional)**

**“signature”:** "", //computed for this structure (see below)

**“key-**

**exp”:** ""//Key→expvalueofthekeypairusedforsignature}

Signature is computed as below:

signature = base-64(RSA-

Encrypt(hash))

hash = SHA-

256(timestamp+username+password+apMacId+payment-  
address+deviceMacId)

- 8.** Once Wi-Fi hotspot provider obtains response, it needs to do the following verification:
  - a.** Decrypting the hash from signature using the public key of the App provider (that corresponds to Key→exp value from registry).
  - b.** Calculate the hash and verify if the has his matching.
  - c.** If matching, proceed with next steps. If not, shower or and allow user to disconnect and connect again (try again).
- 9.** Afterverification,CaptivePortalshouldshowtheuseravailablepacka gesonce the user chooses a package, user should be directed to make payment on the portal.
- 10.** If user profile had preferred payment address, then it should be default Tenderd and allow user to do payment without any data entry on the portal.
- 11.** Wi-Fi provider will have to allow user to make payment during which time user must be given temporary Internet access to payment provider’s server.
- 12.** **Once payment is confirmed, Wi-Fi Access Point should now allow all devices of user which connects using “username”/ “password” credential that was part of the signed profile to be connected to same session and share the package.**
- 13.** When the session is about to expire, hotspot provider can prompt the user and requests extension of the session and charge additional amount ONLY WITH explicit user consent without user having to go through all steps again.
  - a.** Note that users who connect to their favorite Wi-Fi hot

spots can “pre- authorize” payment through Wallet or UPI e-mandate (part of UPI 2.0) which makes even payment a single click seamless experience. This also allows Wi-Fi providers to easily extend user sessions with single user click “extend my session (charge Rs. xx)” without any further steps to make payment.

**IMPORTANT NOTE:** With single click user authentication through authorized Apps and payment pre-authorization via e-mandates, connecting and using public Wi-Fi will be a seamless, friction free experience for users.

**Mandatory requirement which requires to be fulfilled by App provider and PDOA**

- a. The “username”/ “password” shall be defined by the User as Part of Profile creation on the App.
- b. The “username”/ “password” shall be provisioned in the PDOA network through WANI Token flow.
- c. **Users must be able to connect to Wi-Fi hotspot with a Single click on the Mobile device where APP is installed.**
- d. **Users shall be able to connect to Wi-Fi by manually by entering “username”/ “password” through Captive portal on devices where APP is not installed.**
- e. “username”/ “password” shall not be issued by PDOA to **The User** inform of SMS/Email/OTP as done in conventional Wi-Fi networks.
- f. **Valid Mobile Number shall be used as Unique “username” in the App Provider system.**
- g. **MAC ID of the Wi-Fi radio of Access Point serving the SSID, selected by the User on the APP interface, shall be included in the wani aptoken.**

**Compliance Aspects Wi-Fi Provider**

1. Captive portal must allow standard connection and authentication as per this specification.
2. Wi-Fi Provider must provide choice to user to select a package with clear details of the package.
3. Captive portal should respect and handle preferred payment scheme for users and allow seamless collection of payment once the package is selected.
4. Wi-Fi provider must comply and be certified with regulatory and security rules for payment transactions, auditing, and storage/handling of any sensitive payment information.

### **App Provider**

1. App provider must provide an App to user (for any device/OS based on market needs) and comply with user sign up, profile management, and authentication specifications as per this document.
2. App provider must ensure user data is strongly protected to ensure user privacy and data security is ensured.
3. App provider must have a mechanism to allow regular app update and improvements.
4. App is encouraged to provide good user interface for consumers to easily discover, search, find best access points, and connect to it with single-click.

### **CONCLUSION**

Telecom industry is seeing rapid transformation through drop in data prices, increased speed, and increased consumption of data packs. India is also creating as few of digital platforms to help its citizens with better access to various services. According to reports, Indians consumed more cellular data than China, and as much as the USA in the current cellular data pricing regime. TRAI believes that by adopting an Open Architecture approach, emphasis on innovation and consumer experience is placed as the winning criteria. This document provides technical architecture specifications for an interoperable ecosystem. The Wi-Fi Access Network Interface (WANI) represents an exciting opportunity to do for data what PCOs did for Long Distance Calling. It will bring a new generation of users and entrepreneurs into the market to bridge the need of last mile connectivity. The opportunities created are immense and will benefit 100's of millions of users in India waiting to get affordable access to Internet.

**ANNEXURE-I**  
**CRITERIA FOR SELECTION**  
**(Please enclose data sheet/evidence documents)**

| <b>S.N.</b> | <b>Details</b>  | <b>Answer</b> | <b>Remarks</b> | <b>Document evidence page no.</b> |
|-------------|---|---------------|----------------|-----------------------------------|
| (a)         | Are you empanelled with DoT?  |               |                |                                   |
| (b)         | Do you provide initial internet free. If Yes give details   |               |                |                                   |
| (c)         | Back hole type  |               |                |                                   |
| (d)         | Whether ILL   |               |                |                                   |
| (e)         | ILL on Fibre or RF  |               |                |                                   |
| (f)         | Hardware device type and specification  |               |                |                                   |
| (g)         | Bandwidth   |               |                |                                   |
| (h)         | Whether devices IPV6 complied?  |               |                |                                   |
| (i)         | Hardware Outdoor/Indoor   |               |                |                                   |
| (j)         | Controller based Wi-Fi  |               |                |                                   |
| (k)         | Firmware certified by PM WANI. Auto update available.   |               |                |                                   |
| (l)         | ISP name and address  |               |                |                                   |
| (m)         | GST No. and TAN No.   |               |                |                                   |
| (n)         | Have you office in MP. If yes Give details  |               |                |                                   |
| (o)         | Have you office in Madhya Pradesh. If yes, give details   |               |                |                                   |
| (q)         | Number of Installations in MP where the similar services Installed/provided. Minimum 1            |               |                |                                   |
| (r)         | Number of installations in Govt. Sectors where the similar services installed/provided. Minimum 1 |               |                |                                   |
| (s)         | Maximum Wi-Fi Access points under PM WANI installed in one set up by you                          |               |                |                                   |

|       |  |            |            |               |  |
|-------|--|------------|------------|---------------|--|
| (t)   | Assured uptime in %  |            |            |               |  |
| (u)   | Highest area covered under Wi-Fi in PM WANI  |            |            |               |  |
| (v)   | Complaint resolution in hours  |            |            |               |  |
| (w)   | Contact details where installations have been successfully done  |            |            |               |  |
| (x)   | Wi-Fi Band (Single/ Double)  |            |            |               |  |
| (y)   | Does the App send too many notifications   |            |            |               |  |
| (z)   | Average annual turnover for last three (03) years i.e. F.Y. 2021-22, 2022-23 & 2023-24 duly authenticate/certified by a <b>Chartered Accountant.</b> |            |            |               |  |
| (aa)  | What are the current active data plans offered by PDOA Give details  |            |            |               |  |
| (ab)  | Data Plan (amount)   | Data in GB | Band width | Time validity |  |
| (i)   |  |            |            |               |  |
| (ii)  |  |            |            |               |  |
| (iii) |  |            |            |               |  |
| (iv)  |  |            |            |               |  |

**INITIAL REQUIREMENT (Scope of work area)**

With the above parameters, initially, there may be a requirement of 15 Nos. of Wi-Fi APs. The Wi-Fi Routers range may be of 150 mtrs radius. Where the public is large, multiple Wi-Fi operators with load balancing should be installed to support more than 300 concurrent users. The requirement may go up as per need and the successful bidder shall provide the services and increase the number of Wi-Fi routers as and when required.

Initially, in the selected area of OPD & IPD area where about 15 Nos. of Wi-Fi APs may be installed, 10 MPBS bandwidth should be provided. This may go up number of users increase. Once the number of users touches 500, 100 MBPS bandwidth and when the users cross 700 mark, 1 GBPS speed has to be provided. A review in every 3 months may be held and based on the number users band width speed may be changed. The purpose is that

a hassle free smooth band width should be made available so that the internet functions properly. Based on the number of users the band with has to be decided.

The control panel should be made available to the Registrar (IT-SA) for monitoring the PM-WANI network. Adult sites and other unofficial sites should be blocked.

### **COMPLAINT ADDRESSING SYSTEM**

Normal calls shall be resolved in a period of 3-4 hours and critical calls shall be resolved within 24 hours.

#### **Key Features:**

Should conform to the following specifications (Attach data sheet)

|    |  |        |
|----|--|--------|
| 1  | Make   |        |
| 2  | Model No   |        |
| 3  | Quad Core ARM 64 bit A53 1.83 Ghz  | YES/NO |
| 4  | 2x2 2.4GHz MU-MIMO OFDMA 802.11b/g/n/ax  |        |
| 5  | 2x2 5GHz MU-MIMO OFDMA 802.11a/n/ac/ax   |        |
| 6  | Frequency Range - 2.412~2.472GHz, 5.150~5.825GHz   |        |
| 7  | Supports Dynamic Frequency Selection (DFS)   |        |
| 8  | In-built Omni-directional Antenna  |        |
| 9  | Wireless On-board 2x2 2.4GHz MU-MIMO OFDMA 802.11b/g/n/ax, max 23dBm per chain On-board 2x2 5GHz MU- MIMO OFDMA 802.11a/n/ac/ax, max 23dBm per chain 4x U.FL Connectors  |        |
| 10 | Frequency range 2.412~2.472GHz, 5.150~5.825GHz   |        |
| 11 | Interfaced<br>1x 1Gbps Ethernet Port,<br>1x1 Gbps or 1x 2.5Gbps Ethernet Port<br>1x JTAG 20 Pin Connector<br>1x Serial Port 4 Pin Connector  |        |
| 12 | Antena ~ 18 dbi Omni-directional Antenna   |        |
| 13 | <b><u>Powerful Wireless Features</u></b><br>Native 802.11 ac Support<br>Distance Optimization for Long Range Point-to-Point (PtP) Wireless Distribution System (WDS) AP and Client Mode Seamless Mesh Networking |        |
| 14 | <b><u>Enhanced Control</u></b><br>User-friendly Graphical User Interface<br>Hot spot and Guest Portal Support<br>Powerful Network Diagnostic Utilities<br><b>Real-time Network Load Graphs</b>                   |        |

## **Operating System Features**

|    |                                  |   |  |
|----|----------------------------------|---|--|
| 1  | Type of Access Points            | Dual radio AP with 802.11 a/b/g/n/ac  |  |
| 2  | Stream                           | Supports 4x4 (MIMO)   |  |
| 3  | Architecture                     | Integrated antenna and mounting kit   |  |
| 4  | Interface                        | 1 x Gigabit Ethernet interface WAN, 4x LAN Gigabit Interface  |  |
| 5  | Frequency Bands                  | IEEE 802.11ac in 5 GHz & 802.11 bgn in 2.4GHz   |  |
| 6  | Data Rate and Concurrent clients | More than 1 Gbps combined data rate and minimum 100 Clients per Radio support   |  |
| 7  | Channel Width                    | Maximum channel width of 80 MHz in 5GHz and 40MHz in 2.4GHz   |  |
| 8  | Band Steering                    | Steer 802.11 ac and 802.11n clients that may otherwise be using as lower 2.4GHz   |  |
| 9  | SSID                             | Supports 8 SSIDs  |  |
| 10 | Roaming                          | Support fast roaming IEEE 802.11r   |  |
| 11 | Wireless Security                | WPA3, WPA2, WPA2 Enterprise (802.1x/EAP) & WPA2P re-shared keys, Open   |  |
| 12 | VLAN                             | Support multiple VLANs  |  |
| 13 | Radio Frequency (RF) Management  | Dynamic or smart RF management features which allows WLAN to automatically and intelligently adapt to changes in the RF environment and a void interference |  |
| 14 | Data Rate Limit                  | Client and SSID wise rate limit   |  |
| 15 | Transmit Power                   | 24 dBm for extended coverage  |  |
| 16 | Receiver Sensitivity             | Minimum -98 Db to support weak clients at maximum coverage range.   |  |
| 17 | Antenna Gain                     | Integrated omni antenna 5 dBi or better   |  |
| 18 | User Management                  | Support multi layer user management   |  |
| 19 | AP management                    | Supports HTTPS and SSH login  |  |
| 20 | Mesh                             | Supports Mesh capabilities  |  |
| 21 | Security and Firewall            | Integrated security features that include layer 2, layer 3 and layer 7 state full packet filtering firewall   |  |
| 22 | Client Isolation                 | Support client isolation to keep the security from user accessing the data from other user, even though connected to same AP                                |  |
| 23 | Controlling                      | Inbuilt Wi-Fi Analyzer  |  |
| 24 | Tunneling                        | Support interface with ISP with PPPoE, L2TP, GRE or IPsec   |  |
| 25 | Air time fairness                | Supports improving performance of 802.11ac clients in the presence of legacy 802.11a/802.11g clients  |  |
| 26 | SNMP management                  | Supports SNMP protocol  |  |
| 27 | Debug                            | Supports Event logging feature  |  |
| 28 | Troubleshoot                     | Local and online page for client trouble shooting, which have device information for both the AP and Client.  |  |
| 30 | Power Supply                     | Supports 802.3 a for 802.3 at injector from Power Ethernet switch   |  |
| 31 | Deployment Model                 | Functions as Stand-alone AP, or cloud based managed AP  |  |
| 32 | Upgrades                         | Supports mass upgrades for all Access Points concurrently.  |  |

**ANNEXURE-II (A)**  
**Criteria for App Provider Certification**

**1 point for each Yes. Supporting documents should be provided for every Yes option.**

| Parameter  | Yes | No | Points Allotted | Points Earned |
|--|-----|----|-----------------|---------------|
| Is the app available on Android?   |     |    | 1               |               |
| Is the app available on iOS?   |     |    | 2               |               |
| Is the app compatible with most /latest android /iOS versions?   |     |    | 1               |               |
| Does the app experience regular crashing on a particular android/iOS version? If so please mention.  |     |    | 1               |               |
| Does the app usually send OTP within 30 seconds for the authentication?  |     |    | 1               |               |
| Does the app comply with the user sign-up specifications as per the document on WANI?  |     |    | 1               |               |
| Does the app comply with the user profile Management specifications as per the document on WANI?   |     |    | 1               |               |
| Does the app comply with the authentication specifications as per the document on WANI?  |     |    | 1               |               |
| Does the app provide optimal battery consumption performance?  |     |    | 1               |               |
| Does the app provide a good user interface for consumers to easily discover, search, find best access points, and connect to them with single-click? |     |    | 2               |               |
| Does the app provide seamless /smooth access point login experience?   |     |    | 1               |               |
| Does the app be able to login onto two different Access Points of different PDOA's present on the same location?                                     |     |    | 1               |               |
| Does the app be able to login on to two different Access Points of different PDOA's present on the different location?                               |     |    | 1               |               |
| Does the app-provider have a publicly accessible user guide/ FAQs page?  |     |    | 1               |               |
| Does the app-provider have a support contact number/email ID for addressing queries /grievances in   |     |    | 1               |               |



|   |  |  |           |  |
|---|--|--|-----------|--|
| regards to the app?   |  |  |           |  |
| Does the app have proper error handling and present appropriate user-friendly error messages, especially for common issues? |  |  | 1         |  |
| Does the app provide response to any action on the app within 5 seconds?  |  |  | 1         |  |
| Customization of app possible   |  |  | 1         |  |
| <b>Total</b>  |  |  | <b>20</b> |  |

**Certify that the above information is true to best of my knowledge.**

**Authorized Signature**

**ANNEXURE-II (B)**  
**Criteria for PDOA Certification**

| Parameter   | Yes | No | Points<br>Allotted | Points<br>Earned |
|---|-----|----|--------------------|------------------|
| Does the captive portal provide standard connection and authentication as per the specifications in WANI document?  |     |    | 1                  |                  |
| Does the Wi-Fi provider furnish satisfactory payment options as per the WANI document?  |     |    | 1                  |                  |
| Does the captive portal provide a choice to the user to select a package with clear details of the package?   |     |    | 1                  |                  |
| Does the captive portal have a responsive UI such that it can be easily used on devices with different screen sizes?  |     |    | 1                  |                  |
| Does the captive portal respect and handle preferred payment scheme for users and allow seamless collection of payment once the package is selected?  |     |    | 1                  |                  |
| Is the Wi-Fi provider certified with regulatory and security rules for payment transactions, auditing, and storage/handling of any sensitive payment information?   |     |    | 1                  |                  |
| Does the captive portal UI render well on the latest 2 major versions of Chrome-Mobile?   |     |    | 1                  |                  |
| Does the Wi-Fi provider cater the issue of Wi-Fi Signal drop even if rooted to the same spot?   |     |    | 1                  |                  |
| Does the Wi-Fi provider cater the uninterrupted user experience, when moving over different Wi-Fi zones?  |     |    | 1                  |                  |
| Does the Wi-Fi provider provide an email/case- ticket management or contact number support for addressing queries/ grievances in regards to the installation of Access Point and operation of a PDO?            |     |    | 1                  |                  |
| Is there a mechanism to log and export on demand the details of any data consumption including the User account ID, session duration, devices connected, data packets consumed (with append website breakdown)? |     |    | 1                  |                  |

|  |  |  |   |  |
|--|--|--|---|--|
| Is there a captive portal screen wherein the user could view his data consumption history including session duration, devices connected, data packets consumed (with app and website breakdown)? |  |  | 1 |  |
| Is there a captive portal provide a screen where in the User could view his payment history at PDOs along with details of time-stamp, location, payment amount, payment medium etc.?             |  |  | 1 |  |
| Does the captive portal have proper error handling and present appropriate user-friendly error messages, especially for common issues?   |  |  | 1 |  |
| Whether devices make in India Give Details (Make and model)  |  |  | 1 |  |

**Certify that the above information is true to best of my knowledge.**

**Authorized Signature**

**Annexure-III**  
**TECHNICAL INFORMATION AND UNDERTAKING.**  
(Tenderer may use separate sheet wherever required)

| S. No. | Details of the Firm / Bidder   | Page No. | Remarks Yes /No |
|--------|--|----------|-----------------|
| 1.     | Name & Address of the Principal / Authorized Service Provider  |          |                 |
| 2.     | State clearly whether it is Sole proprietor or Partnership firm or a company or a Government Department or a Public Sector Organization  |          |                 |
| 3.     | Details of the Earnest Money Deposit (EMD) (Yes/No)  |          |                 |
| 4.     | Copy of Registration of firm   |          |                 |
| 5.     | Copy of PAN Registration   |          |                 |
| 6.     | Copy of GST Registration   |          |                 |
| 7.     | Authorization certificate from the Principal Agency  |          |                 |
| 8.     | Certificate for No Deviation   |          |                 |
| 9.     | Non Blacklisting Certificate   |          |                 |
| 10.    | Copy of Income Tax Return for last 3 years (2021-22 to 2023-2024)  |          |                 |
| 11.    | Whether each page of TENDER and its annexure have been signed and stamped  |          |                 |
| 12.    | List of Major Customer/party (i.e. any Central government institutions /State government institutions may be given on a separate sheet and proof of satisfactory services, if any  |          |                 |
| 13.    | Proof of annual average turnover of the quoting firm continuously for the preceding last three years.  |          |                 |
| 14.    | PFMS Form with copy of all documents   |          |                 |
| 15.    | Whether copies of authenticated balance sheet / ITR for the past three (03) years enclosed.  |          |                 |
| 16.    | Name and Mobile Number of a Key person, who can be contacted at any time. The person should be capable of taking orders and making arrangement for supply of the desired services. |          |                 |
| 17.    | Tender Acceptance Undertaking  |          |                 |

|     |   |  |  |
|-----|---|--|--|
| 18. | Online Bid Security/Earnest Money Deposit:<br><br>a) Amount: Rs.....<br>b) Reference No. :<br>c) Date of issue: |  |  |
| 19. | Online Tender Fees details:<br><br>a) Amount: .....<br>b) Reference No. :<br>c) Date of issue:                  |  |  |

**Page number / serial number may be given to each and every page of Tender Documents and photocopies of the documents attached. Mention Page number, wherever the copy (ies) of the document(s) is kept.**

**In case of non-fulfillment of any of the above information/ document(s), the Tender/participation will be summarily rejected without giving any notice.**

**(Dated Signature of the Tenderer with stamp of firm)**

**Place:**

**Date:**

**Annexure-IV**  
**CRIMINAL LIABILITY UNDERTAKING**

**(To be executed on Rs.500/-Non-judicial Stamp Paper duly attested by Public Notary)**

I.....S/o.....  
.....Resident  
of.....

Do solemnly pledge and affirm: -

1. That I am the proprietor /partner/authorized signatory of M/s.....
2. That my firm has not been declared defaulter by any Govt. Agency and that NO case of any nature i.e. CBI/FEMA/Criminal/Income Tax/GST/Blacklisting is pending against my firm.

Name & Signature

**Seal of the participating Bidder Company**

Affirmation/Verification

**Annexure-V**  
**CERTIFICATE OF NO DEVIATION**

**Date: ...../...../2025**

*[To be given on letter head]*

**NIT No.:**

I/We, M/s \_\_\_\_\_ hereby certify that notwithstanding any contrary indication / conditions elsewhere in our offer documents, I/We have neither set any terms and conditions nor there is any deviation taken from the conditions of tender specification, either technical or commercial, and I/We agree to all the terms and conditions mentioned in tender specification with associated amendments & clarification.

*[Signatures of the Bidder with Name, Designation & Company's Seal]*

Date:...../...../2025

Place:.....

**Annexure-VI**  
**FORMAT FOR AUTHORISATION CERTIFICATE**

To,  
**The Registrar General,  
High Court of Madhya Pradesh, Jabalpur**

Reference: TENDER No. ...., Dated: ...../...../2025  
for **deployment of PM-WANI Wi-Fi facility /Services at Tehsil Courts** in  
the State of Madhya Pradesh.

**Subject: Principal Service provider's Authorization Letter.**

Dear Sir,

Ref. Your TENDER No. \_\_\_\_\_, dated...../...../2025. I/We, who  
are proven and reputable Service provider of \_\_\_\_\_(name and description  
the Service/Work \_\_\_\_\_ Offered in the TENDER having  
Corporate office at \_\_\_\_\_,  
hereby authorize Messrs. \_\_\_\_\_(name and  
address of the agent) to submit a Bid, process the same further and enter  
into a Rate Contract with you against your requirement as contained in the  
above referred Offer Form for the above referred work/service by us. We  
further confirm that no any firm or individual other than Messrs.

\_\_\_\_\_ (name and address  
of the above agent) is authorized to submit a tender, process the same  
further and enter into a Rate Contract with you against your requirement  
as contained in the above referred TENDER for the above items  
manufactured by us.

We also hereby confirm that we would be responsible for the satisfactory  
execution of supply/Service contract placed on the authorized agent.

Yours faithfully,

[Signature with date, name and designation]

For and on behalf of Messrs. \_\_\_\_\_

[Name & address of the Principal Service provider]

**Note:-**This letter of authorization should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the Principal Service provider. Original letter should be enclosed with bid document during submission in the sealed cover.



**ANNEXURE – VII**  
**EMD FORMAT**

Whereas \_\_\_\_\_ (hereinafter called the “Bidder”) has submitted its Offer dated \_\_\_\_\_ for the supply of \_\_\_\_\_ (hereinafter called the “Tender”) against the Purchaser’s E-Tender Enquiry No. \_\_\_\_\_ Know all persons by these presents that we \_\_\_\_\_ of \_\_\_\_\_ (Hereinafter called the “Bank”) having our registered office at \_\_\_\_\_ is bound unto \_\_\_\_\_ (Hereinafter called the “Purchaser”) in the sum of \_\_\_\_\_ for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this \_\_\_\_\_ day of \_\_\_\_\_ 2025. The conditions of this obligation are:

- (1) If the Bidder withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- (2) If the Bidder having been notified of the acceptance of his tender by the Purchaser during the period of its validity **(180 Days):-**
  - a) Fails or refuses to furnish the performance security for the due performance of the contract.  
Or
  - b) Fails or refuses to accept/execute the contract. Or
  - c) If it comes to notice that the information/documents furnished in its tender is incorrect, false, Misleading or forged. We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition(s).

This EMD Bank Guarantee will remain in force for a period 180 days from the scheduled date of submission of Bid and any demand in respect thereof should reach the Bank not later than the above date.

Signature of the authorized Office of the issuing Branch of the Bank

Name and designation of the Officer

Seal, Name & Address of the Bank

Address of the issuing Branch with Telephone No. & Email ID

**Annexure – VIII**  
**Undertaking for Compliance of T&C of Tender**  
(Should be given on Non-Judicial Stamp Paper worth of ₹ 500/- duly Notarized)  
**To be returned by Tenderer along with the Tender duly signed**

To,  
**The Registrar General,  
High Court of Madhya Pradesh,  
Jabalpur-482001 (M.P.)**

**Respected Sir,**

1. The undersigned certify that I have gone through the terms and conditions mentioned /set out in the Tender document and undertake to comply with them. I have no objection to any of the content of this TENDER document and I undertake not to submit any complaint/ representation against the TENDER document after submission date and time of the TENDER.
2. I/We undersigned hereby bind myself/ourselves to the High Court of Madhya Pradesh, Jabalpur-482001 (M.P.) to of a PM WANI (Wi-Fi) Framework at Tehsil Courts in the State of Madhya Pradesh the High Court of Madhya Pradesh, Jabalpur, during the period. (i.e. 02 Years).
3. If I/We fail to supply, Installation and testing the services in stipulated period the High Court of Madhya Pradesh, Jabalpur has full power to compound the loss through imposing penalty as per the Terms and Condition of this Tender or forfeit the Bid Security/security deposit.
4. I undertake to supply and Installation of the services within stipulated period and if fails to supply the order during the stipulated period the necessary action can be taken by High Court of Madhya Pradesh, Jabalpur.
5. I/We undertake to supply / maintain the Literature (Log Book / Maintenance Record/ Trouble shooting/Operation Manuals etc.) required by the High Court of Madhya Pradesh, Jabalpur.
6. I/we have necessary infrastructure for the maintenance and will provide all accessories/spares as and when required.
7. I/we also declare that in case of change of Indian Agent or for any other change. Merger, dissolution solvency etc. in the organization of our foreign principles, we would take care of the Guarantee/Warranty/Maintenance of the machinery/equipment and have provided written confirmation for the same.
8. I/we undertake that we shall liable to provide all the relevant records copies during the concurrency period of Contract or otherwise even after the Contract is over, whenever required by High Court of Madhya Pradesh, Jabalpur.

9. I/We further undertake that none of the Proprietor / Partners /Executive Directors of the firm was or is Proprietor or Partner or Executive Director of any firm with whom the Government have banned / suspended business dealings. I / We further undertake to report to the High Court of Madhya Pradesh, Jabalpur immediately after we are informed but in any case not later 15 days, if any firm in which Proprietor/Partners/Executive Directors are Proprietor or Partner or Executive Director of such a firm which is banned/suspended in future during the currency of the Contract with you.

**Affirmation**

I pledge and solemnly affirm that the information submitted in this NIQ Document is true to the best of my knowledge and belief. I further pledge and solemnly affirm that nothing has been concealed by me and if anything adverse comes to the notice of purchaser during the validity period. The High Court of Madhya Pradesh, Jabalpur (M.P.) will have full authority to take appropriate action as he/she may deem fit.

**Signature of the Supplier Agency Authorized Signatory  
with seal of the firm**

**(Name of Supplier Agency)**

**Designation:.....Seal:**

**Date:...../...../2025**

**Annexure - IX**

**FORMAT FOR BIDDERS TO SUBMIT PRE-BID QUERY**

The Bidder has to submit their queries (in any section of the tender/ technical speculations) in the following format only.

| <b>S. No.</b> | <b>Section No. / Clause No / Specification/ Page No.</b> | <b>Content of RFP Requiring Clarification</b> | <b>Query of the bidder / remarks of the bidder, if any</b> |
|---------------|--|---|--|
| <b>1.</b>     |  |   |  |
| <b>2.</b>     |  |   |  |
| <b>cont..</b> |  |   |  |
| <b>n....</b>  |  |   |  |

**Note: -**

- **Submit the pre-bid query as mentioned in the above format till 07.02.2025 through e-mail: regithcjbptd@mp.gov.in. The pre-bid query received after 07.02.2025 will not be considered.**
- **The duly hard copy submission of pre-bid query as per the above format to be submitted along with the soft copy.**
- **In case any e-mail of the vendor received in the junk/spam mail shall not be considered for reply by the High Court.**

## LIST OF TEHSIL COURTS IN THE STATE OF MADHYA PRADESH

| S. NO. | NAME OF DISTRICT | NAME OF COURT COMPLEXES      | TYPE              |
|--------|------------------|------------------------------|-------------------|
| 1      | AGAR MALWA       | NALKHEDA                     | TEHSIL            |
| 2      | AGAR MALWA       | SUSNER                       | TEHSIL            |
| 3      | ALIRAJPUR        | JOBAT                        | TEHSIL            |
| 4      | ANUPPUR          | KOTMA                        | TEHSIL            |
| 5      | ANUPPUR          | RAJENDRAGRAM                 | TEHSIL            |
| 6      | ASHOKNAGAR       | MUNGAOLI                     | TEHSIL            |
| 7      | ASHOKNAGAR       | CHANDERI                     | TEHSIL            |
| 8      | ASHOKNAGAR       | ESHAGARH                     | TEHSIL            |
| 9      | BALAGHAT         | BAIHAR                       | TEHSIL            |
| 10     | BALAGHAT         | KATANGI                      | TEHSIL            |
| 11     | BALAGHAT         | WARASEONI                    | TEHSIL            |
| 12     | BALAGHAT         | COMLEXLANJI                  | TEHSIL            |
| 13     | BARWANI          | ANJAD                        | TEHSIL            |
| 14     | BARWANI          | KHETIYA                      | TEHSIL            |
| 15     | BARWANI          | RAJPUR                       | TEHSIL            |
| 16     | BARWANI          | SENDHWA                      | TEHSIL            |
| 17     | BETUL            | BHAINSDEHI                   | TEHSIL            |
| 18     | BETUL            | MULTAI                       | TEHSIL            |
| 19     | BETUL            | AAMLA                        | TEHSIL            |
| 20     | BHIND            | LAHAR                        | TEHSIL            |
| 21     | BHIND            | MEHGAON                      | TEHSIL            |
| 22     | BHIND            | GOHAD                        | TEHSIL            |
| 23     | BHOPAL           | BERASIA                      | TEHSIL            |
| 24     | BURHANPUR        | NEPANAGAR                    | TEHSIL            |
| 25     | CHHATARPUR       | BADAMALHARA                  | TEHSIL            |
| 26     | CHHATARPUR       | BIJAWAR                      | TEHSIL            |
| 27     | CHHATARPUR       | LAVKUSH NAGAR                | TEHSIL            |
| 28     | CHHATARPUR       | NOWGAON                      | TEHSIL            |
| 29     | CHHATARPUR       | RAJNAGAR                     | TEHSIL            |
| 30     | CHHATARPUR       | COURT COMPLEX BUXWAHA (LINK) | TEHSIL LINK COURT |
| 31     | CHHINDWARA       | AMARWARA                     | TEHSIL            |
| 32     | CHHINDWARA       | CHORAI                       | TEHSIL            |
| 33     | CHHINDWARA       | JUNARDEO                     | TEHSIL            |
| 34     | CHHINDWARA       | PANDHURNA                    | TEHSIL            |
| 35     | CHHINDWARA       | PARASIYA                     | TEHSIL            |
| 36     | CHHINDWARA       | SAUSAR                       | TEHSIL            |
| 37     | CHHINDWARA       | HARRAI                       | TEHSIL            |
| 38     | CHHINDWARA       | TAMIA                        | TEHSIL            |
| 39     | CHHINDWARA       | BICCHUA                      | TEHSIL            |
| 40     | DAMOH            | HATTA                        | TEHSIL            |
| 41     | DAMOH            | PATHARIA                     | TEHSIL            |
| 42     | DAMOH            | TENDHUKHEDA                  | TEHSIL            |
| 43     | DATIA            | BHANDER                      | TEHSIL            |
| 44     | DATIA            | SEODHA                       | TEHSIL            |
| 45     | DEWAS            | BAGLI                        | TEHSIL            |
| 46     | DEWAS            | KANNOD                       | TEHSIL            |
| 47     | DEWAS            | KHATEGAON                    | TEHSIL            |
| 48     | DEWAS            | SONKATCH                     | TEHSIL            |
| 49     | DEWAS            | TONKKHURD                    | TEHSIL            |
| 50     | DHAR             | BADNAWAR                     | TEHSIL            |
| 51     | DHAR             | DHARAMPURI                   | TEHSIL            |
| 52     | DHAR             | KUKSHI                       | TEHSIL            |
| 53     | DHAR             | MANAWAR                      | TEHSIL            |
| 54     | DHAR             | SARDARPUR                    | TEHSIL            |
| 55     | DINDORI          | SHAH PURA                    | TEHSIL            |
| 56     | GUNA             | AARON                        | TEHSIL            |
| 57     | GUNA             | CHACHODA                     | TEHSIL            |
| 58     | GUNA             | RAGHOGARH                    | TEHSIL            |

|     |              |                           |                   |
|-----|--------------|---------------------------|-------------------|
| 59  | GWALIOR      | BHITARWAR                 | TEHSIL            |
| 60  | GWALIOR      | DABRA                     | TEHSIL            |
| 61  | HARDA        | KHIRKIYA                  | TEHSIL            |
| 62  | HARDA        | TIMARNI                   | TEHSIL            |
| 63  | INDORE       | DEPALPUR                  | TEHSIL            |
| 64  | INDORE       | HATOD                     | TEHSIL            |
| 65  | INDORE       | DR. AMBEDKAR NAGAR (MHOW) | TEHSIL            |
| 66  | INDORE       | SANWER                    | TEHSIL            |
| 67  | JABALPUR     | PATAN                     | TEHSIL            |
| 68  | JABALPUR     | SIHORA                    | TEHSIL            |
| 69  | JHABUA       | PETLAWAD                  | TEHSIL            |
| 70  | JHABUA       | THANDLA                   | TEHSIL            |
| 71  | KATNI        | VIJAYRAGHOGARH            | TEHSIL            |
| 72  | KATNI        | DHIMARKHEDA               | TEHSIL            |
| 73  | KATNI        | BARHI                     | TEHSIL            |
| 74  | KHANDWA      | HARSUD                    | TEHSIL            |
| 75  | KHANDWA      | PUNASA                    | TEHSIL            |
| 76  | KHANDWA      | MANDHATA (LINK)           | TEHSIL LINK COURT |
| 77  | MANDLA       | NAINPUR                   | TEHSIL            |
| 78  | MANDLA       | NIWAS                     | TEHSIL            |
| 79  | MANDLA       | BHUABICHHIYA              | TEHSIL            |
| 80  | MANDLESHWAR  | KHARGONE                  | TEHSIL            |
| 81  | MANDLESHWAR  | SANAWAD                   | TEHSIL            |
| 82  | MANDLESHWAR  | BARWAHA                   | TEHSIL            |
| 83  | MANDLESHWAR  | BHIKANGAON                | TEHSIL            |
| 84  | MANDLESHWAR  | KASRAWAD                  | TEHSIL            |
| 85  | MANDLESHWAR  | MAHESHWAR                 | TEHSIL            |
| 86  | MANDSAUR     | BHANPURA                  | TEHSIL            |
| 87  | MANDSAUR     | GAROTH                    | TEHSIL            |
| 88  | MANDSAUR     | NARAYANGARH               | TEHSIL            |
| 89  | MANDSAUR     | SITAMAU                   | TEHSIL            |
| 90  | MORENA       | AMBAH                     | TEHSIL            |
| 91  | MORENA       | JORA                      | TEHSIL            |
| 92  | MORENA       | SABALGARH                 | TEHSIL            |
| 93  | NARMADAPURAM | ITARSI                    | TEHSIL            |
| 94  | NARMADAPURAM | PIPARIYA                  | TEHSIL            |
| 95  | NARMADAPURAM | SEONI MALWA               | TEHSIL            |
| 96  | NARMADAPURAM | SOHAGPUR                  | TEHSIL            |
| 97  | NARMADAPURAM | PACHMARI                  | TEHSIL LINK COURT |
| 98  | NARSINGHPUR  | GADARWARA                 | TEHSIL            |
| 99  | NARSINGHPUR  | TENDUKHEDA                | TEHSIL            |
| 100 | NARSINGHPUR  | GOTEGAON                  | TEHSIL            |
| 101 | NEEMUCH      | JAWAD                     | TEHSIL            |
| 102 | NEEMUCH      | MANASA                    | TEHSIL            |
| 103 | NEEMUCH      | RAMPURA (LINK)            | TEHSIL LINK COURT |
| 104 | PANNA        | AJAYGARH                  | TEHSIL            |
| 105 | PANNA        | PAWAI                     | TEHSIL            |
| 106 | RAISEN       | BARELI                    | TEHSIL            |
| 107 | RAISEN       | BEGUMGANJ                 | TEHSIL            |
| 108 | RAISEN       | GAIRATGANJ                | TEHSIL            |
| 109 | RAISEN       | GOHARGANJ                 | TEHSIL            |
| 110 | RAISEN       | SILWANI                   | TEHSIL            |
| 111 | RAISEN       | UDAIPURA                  | TEHSIL            |
| 112 | RAJGARH      | BIAORA                    | TEHSIL            |
| 113 | RAJGARH      | KHILCHIPUR                | TEHSIL            |
| 114 | RAJGARH      | NARSINGHGARH              | TEHSIL            |
| 115 | RAJGARH      | ZIRAPUR                   | TEHSIL            |
| 116 | RAJGARH      | SARANGPUR                 | TEHSIL            |
| 117 | RATLAM       | ALOTE                     | TEHSIL            |
| 118 | RATLAM       | JAORA                     | TEHSIL            |
| 119 | RATLAM       | SAILANA                   | TEHSIL            |
| 120 | REWA         | MAUGANJ                   | TEHSIL            |

|     |           |                             |                   |
|-----|-----------|-----------------------------|-------------------|
| 121 | REWA      | SIRMOUR                     | TEHSIL            |
| 122 | REWA      | TEONTER                     | TEHSIL            |
| 123 | REWA      | HANUMANA                    | TEHSIL            |
| 124 | REWA      | MANAGAWA                    | TEHSIL            |
| 125 | SAGAR     | BANDA                       | TEHSIL            |
| 126 | SAGAR     | BINA                        | TEHSIL            |
| 127 | SAGAR     | DEORI                       | TEHSIL            |
| 128 | SAGAR     | KHURAI                      | TEHSIL            |
| 129 | SAGAR     | REHLI                       | TEHSIL            |
| 130 | SAGAR     | GARHAKOTA                   | TEHSIL            |
| 131 | SAGAR     | LINK COURT MALTHONE (LINK)  | TEHSIL LINK COURT |
| 132 | SAGAR     | SHAHGARH                    | TEHSIL            |
| 133 | SAGAR     | KESLI                       | TEHSIL            |
| 134 | SAGAR     | LINK COURT RAHATGARH (LINK) | TEHSIL LINK COURT |
| 135 | SATNA     | AMARPATAN                   | TEHSIL            |
| 136 | SATNA     | MAIHAR                      | TEHSIL            |
| 137 | SATNA     | NAGOD                       | TEHSIL            |
| 138 | SATNA     | RAMPUR BAGHELA              | TEHSIL            |
| 139 | SATNA     | UNCHEHRA                    | TEHSIL            |
| 140 | SATNA     | CHITRAKOOT                  | TEHSIL            |
| 141 | SATNA     | MAJHGAWAN (LINK)            | TEHSIL LINK COURT |
| 142 | SEHORE    | ASHTA                       | TEHSIL            |
| 143 | SEHORE    | BUDHNI                      | TEHSIL            |
| 144 | SEHORE    | ICHHAWAR                    | TEHSIL            |
| 145 | SEHORE    | NASRULLAGANJ                | TEHSIL            |
| 146 | SEONI     | LAKHNADON                   | TEHSIL            |
| 147 | SEONI     | GHANSAUR                    | TEHSIL            |
| 148 | SEONI     | KEOLARI                     | TEHSIL            |
| 149 | SHAHDOL   | BEOHARI                     | TEHSIL            |
| 150 | SHAHDOL   | BURHAR                      | TEHSIL            |
| 151 | SHAHDOL   | JAISINGHNAGAR               | TEHSIL            |
| 152 | SHAHDOL   | JAITPUR (LINK)              | TEHSIL LINK COURT |
| 153 | SHAJAPUR  | SHUJALPUR                   | TEHSIL            |
| 154 | SHEOPUR   | VIJAYPUR                    | TEHSIL            |
| 155 | SHIVPURI  | KARERA                      | TEHSIL            |
| 156 | SHIVPURI  | KOLARAS                     | TEHSIL            |
| 157 | SHIVPURI  | PICHHORE                    | TEHSIL            |
| 158 | SHIVPURI  | POHARI                      | TEHSIL            |
| 159 | SHIVPURI  | KHANIADHANA                 | TEHSIL            |
| 160 | SIDHI     | CHURHAT                     | TEHSIL            |
| 161 | SIDHI     | RAMPUR NAIKIN               | TEHSIL            |
| 162 | SIDHI     | MAJHOULI                    | TEHSIL            |
| 163 | SINGRAULI | DEOSAR                      | TEHSIL            |
| 164 | SINGRAULI | SARAI                       | TEHSIL            |
| 165 | TIKAMGARH | JATARA                      | TEHSIL            |
| 166 | TIKAMGARH | NIWARI                      | TEHSIL            |
| 167 | TIKAMGARH | ORCHHA                      | TEHSIL            |
| 168 | UJJAIN    | BADNAGAR                    | TEHSIL            |
| 169 | UJJAIN    | KHACHRAUD                   | TEHSIL            |
| 170 | UJJAIN    | MAHIDPUR                    | TEHSIL            |
| 171 | UJJAIN    | NAGDA                       | TEHSIL            |
| 172 | UJJAIN    | TARANA                      | TEHSIL            |
| 173 | UMARIA    | BIRSINGHPUR-PALI            | TEHSIL            |
| 174 | UMARIA    | MANPUR                      | TEHSIL            |
| 175 | VIDISHA   | KURWAI                      | TEHSIL            |
| 176 | VIDISHA   | BASODA                      | TEHSIL            |
| 177 | VIDISHA   | LATERI                      | TEHSIL            |
| 178 | VIDISHA   | SIRONJ                      | TEHSIL            |