

**REQUEST FOR PROPOSAL (RFP)
FOR
SUPPLY, COMMISSIONING, MAINTENANCE &
MANAGEMENT OF MPLS LINK ON WIRED/RF AND 4G/5G
(SINGLE SIM BASED)**



UCO BANK
Head Office-2
Department of Information Technology
7th Floor, 3 & 4 DD Block, Sector -1
Salt Lake, Kolkata-700 064

RFP REF NO: DIT/BPR & BTD/OA/2805/2020-21 Date: 04/01/2021

The information provided by the bidders in response to this RFP Document will become the property of the Bank and will not be returned. The Bank reserves the right to amend, rescind or reissue this RFP Document and all amendments will be advised to the bidders and such amendments will be binding on them. The Bank also reserves its right to accept or reject any or all the responses to this RFP Document without assigning any reason whatsoever.

This document is prepared by UCO Bank for supply, commissioning, maintenance & management of MPLS Link On WIRED/RF and 4G/5G (SINGLE SIM BASED). It should not be reused or copied or used either partially or fully in any form.

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ABBREVIATIONS

The long form of some abbreviations commonly used in the document is given below

Abbreviations	Description
SB	Successful Bidder
SLA	Service Level Agreement
CVC	Central Vigilance Commission
CBS	Core Banking Solutions
CCNA	CISCO Certified Network Associate
CCNP	CISCO Certified Network Professional
DC	Data Center
DR Site	Disaster Recovery Site
EMD	Earnest Money Deposit
EMS	Enterprise Management Services
EOD	End of Day
FMS	Facility Management Services
GUI	Graphical User Interface
MSME	Micro Small Medium Enterprise
NDA	Non-Disclosure Agreement
PBG	Performance Bank Guarantee
BG	Bank Guarantee

CONTROL SHEET TABLE

Tender Reference	RFP Ref No: DIT/BPR&BTD/OA/2805/2020-21 Date : 04/01/2021
Cost of Tender documents	Rs.30,000/- (Rupees Thirty Thousand Only) + GST @ 18%
Date of issue of RFP	04/01/2021
Earnest Money Deposit (EMD)	Rs.30,00,000/- (Rupees Thirty Lakh Only)
Date of commencement of sale of tender document	04/01/2021
Last date for submitting queries for the Pre-bid Meeting	13/01/2021 upto 3:00 PM
Pre-Bid meeting /Venue	14/01/2021 at 11:30 A.M. at Head Office-2 Department of Information Technology 5th Floor, "Conference Room", 3 & 4 DD Block, Sector -1, Salt Lake, Kolkata-700 064 (Meeting would be done <u>through Video-Conferencing</u>)
Last Date and Time for receipts of tender bids	01/02/2021 at 04:00 PM
Opening of technical bids	01/02/2021 at 04:30 PM
Opening of Price Bid	Will be informed subsequently to technically qualified bidders.
Address of Communication	Chief Manager, Head Office-2 Department of Information Technology 7th Floor, 3 & 4 DD Block, Sector -1 Salt Lake, Kolkata-700 064 Ph.- 033 4455 9433/9770
Email address	hodit.proc@ucobank.co.in
Bids to be submitted	Tender box placed at: UCO BANK, Head Office-2, Department of Information Technology, 5th Floor, 3 & 4, DD Block, Sector – 1, Salt Lake, Kolkata-700 064.

Note: Bids will be opened in presence of the bidders' representatives (maximum two representatives per bidder) who choose to attend. In case the specified date of submission & opening of Bids is declared a holiday in West Bengal under the NI act, the bids will be received till the specified time on next working day and will be opened at 04:30 PM. UCO Bank is not responsible for non-receipt of responses to RFP within the specified date and time due to any reason including postal holidays or delays. Any bid received after specified date and time of the receipt of bids prescribed as mentioned above, will not be accepted by the Bank. Bids once submitted will be treated as final and no further correspondence will be entertained on this. No bid will be modified after the specified date & time for submission of bids. No bidder shall be allowed to withdraw the bid.

PART-I

1. INTRODUCTION

UCO BANK, a body Corporate, established under The Banking Companies (Acquisition and Transfer of Undertakings) Act 1970, having its Head Office at 10, B.T.M. Sarani, Kolkata- 700001, India, hereinafter called "The Bank", is one of the leading public sector Banks in India having 3000+ Domestic branches, two overseas branches and 2300+ ATMs (including Biometric enabled ATMs) spread all over the country. All the branches of the Bank are CBS enabled through Finacle as a Core Banking Solution.

The Bank has set up a robust, scalable, secure Wide Area Network connecting its various branches and offices with its Data Centre (DC) at Bangalore and Disaster Recovery (DR) site at Kolkata. The Bank has MPLS network where branches are connected to MPLS cloud through various bandwidth provided by various network service providers. Similarly, Data Centre and DR Site connected through various backhaul links. DC-DR is also connected through high bandwidth network links. As on date, Head Office locations, Zonal Offices & most of the Branches and other locations are networked using MPLS Lines with a backup through MPLS/VSAT link from other ISP.

Bank has set-up its own private MPLS based network for core Banking application procuring primary MPLS links from M/s BSNL, M/s MTNL at more than 2800 locations in last 5 years and Secondary MPLS from M/s Sify, M/s TCL, M/s Vodafone, M/s Airtel, M/s Reliance & M/s Jio, remaining branches are connected through VSAT link.

Against the above backdrop, Bank invites Request for Proposal (RFP) from the prospective bidders having proven past experience and competence in the field for Supply, Commissioning, Maintenance & Management of MPLS on Wired/RF media or MPLS on 4G/5G (Single SIM Based connectivity) media at branches to provide minimum 2 Mbps bandwidth to replace low bandwidth connectivity (less than 2 Mbps) running on VSAT or wired/RF links. Bidders with unsatisfactory past record need not apply.

2. OVERVIEW OF TENDERING PROCESS

UCO Bank invites sealed tenders (Technical bid and Commercial bid) from experienced prime bidders with proven capability that has the experience in providing links on wire/RF/4G/5G connectivity. The Selected bidder is required to adhere to the terms of this RFP document and any deviations to the same shall not to be acceptable to UCO Bank.

Bank intends to engage bidders for providing the connectivity/Link at branches from Alternate Bidder(s) with a condition that Bidder cannot bid for those locations where they are the existing service provider to Bank.

The purpose of the RFP is to seek a detailed technical and commercial proposal for Supply, Commissioning, Maintenance & Management of MPLS on Wired/RF media or MPLS on 4G/5G (Single SIM Based connectivity) media at Branches with less than 2 Mbps links (may be on wire/RF/VSAT) as elaborately detailed under Scope of Work on behalf of Bank. Bidder already having presence at certain sites with 2 Mbps Wired/RF solution, need not to bid for that particular site(s) for same type of media/connectivity/technology.

Through the RFP process Bank will select vendors for following different link categories:

Category	Location	Description	No of Links*
A	Branches/Offices	MPLS link on wired or RF Media (last mile)	850
B	Branches/Offices	MPLS link on 4G/5G Single SIM based mobile network media (last mile).	600

***Figures are indicative, may change**

- ✓ Separate L1, L2 & L3 bidders will be selected for category A and L1 & L2 bidders will be selected for category B.
- ✓ Bank will separately go for category A & B links for the feasible sites.
- ✓ For non-feasible category A link sites, Bank may go for category B link.
- ✓ For Category A - In case of common feasible links in between L1 & L2 bidders under same category, the order for links will be distributed among L1 & L2 in a ratio of 60:40, provided that L2 bidder matches the cost of link as of L1. And exclusive feasible sites will be ordered to respective vendors. Exclusive sites will be offered to L1, L2 & L3 vendors (subject to the price match condition by L2 & L3 with L1)
- ✓ For Category B - In case of common feasible links in between L1 & L2 bidders under same category, the order for links will be distributed among L1 & L2 in a ratio of 60:40, provided that L2 bidder matches the cost of link as of L1.

For any category of links, if no bid / single bid situation is arrived, the tendering process for that particular category of links may get cancelled.

The bidder (also called the vendor or bidder through this document) appointed under the RFP document shall own the single point responsibility for fulfilling all

obligations and providing all deliverables and services required for successful implementation of the project. Unless agreed to specifically by the Bank in writing for any changes in the document issued, the bidder responses should comply with the scope of work.

Unless expressly overridden by the specific agreement to be entered into between the Bank and the bidder, the RFP document shall be the governing document for arrangement between the Bank and the prospective bidder in terms of this RFP documents.

The bidders should take care of submitting the bids properly filled so that the papers are not loose. The bid documents should be properly numbered and submitted in a file in proper manner so that the papers do not bulge out and tear during scrutiny.

Bidders are requested to participate in the tender process according to the time schedule mentioned above.

The eligibility bid will be opened first and only those bidders, deemed eligible as per the eligibility criteria mentioned in this RFP, will be shortlisted for technical evaluation; the qualified bidders will be notified separately. Commercial Bid of only those short-listed-bidders, who have qualified in Technical evaluation, will be opened by the Bank, the date of which will be notified separately.

The Bids should be addressed to:

General Manager (DIT, BPR & BTB)
UCO Bank, Head Office-2
Department of Information Technology,
5th Floor, 3 & 4 DD Block, Sector -1,
Salt Lake, Kolkata - 700 064

UCO Bank is not responsible for non-receipt of response to RFP within the specified date and time due to any reason including postal holidays or delays. In case the specified date of submission & opening of Bids is declared holiday in West Bengal under NI Act, the bids will be received till the specified time on next working day and Technical Bid will be opened at same time on that day.

Bids once submitted will be treated as final and no further correspondence will be entertained on this. No bid will be modified after the target date & time for submission of bids. No bidder shall be allowed to withdraw the bid.

3. ELIGIBILITY CRITERIA

Only those Bidders who fulfil the following criteria are eligible to respond to the RFP. Offers received from the bidders who do not fulfil all or any of the following eligibility criteria are liable to be rejected.

Sl. No.	Criteria	Proof of Documents required/ must be submitted
1.	The Bidder for all categories should be a company registered under Companies Act 1956/2013 since the last three years as on date of RFP submission.	Certificate of Incorporation, PAN, TAN, GSTIN Certificate and any other tax related document if applicable, to be submitted.
2.	The bidder for all categories submitting the offer should have minimum average turnover of Rupees 100 Crores for the last three financial years i.e. 2016-17, 2017-18 & 2018-19. This must be the individual company turnover and not of any group of companies.	Copy of audited balance sheet of the financial year 2016-17, 2017-18 & 2018-19.
3.	The bidder for all categories should have positive net-worth in all of the last 3 Financial years (2016-17, 2017-18 & 2018-19).	Copy of audited balance sheet of the financial year (2016-17, 2017-18 & 2018-19).
4.	The bidder for all categories should be a Telecom Bidder and should have a valid DoT, Indian Government License to provide National Long Distance services in India. The validity of the license should be more than five years from the date of this RFP. In case the bidder has license where validity is less than 5 years, a declaration should be submitted by the bidder regarding obtaining renewal/fresh license.	Copies of the licenses to be provided along with self-attestation by the authorized signatory with company seal. In case of license validity less than 5 years, bidder to submit undertaking for submission of renewed/fresh license copy to Bank.
5.	The bidder for Category A link should have commissioned the proposed link which should be running in at least 500 MPLS links over wired/wireless (offered media) as last mile in Public / Private Sector Bank /Financial Institutions/ Government Organization within India	Purchase order and execution certificate from existing customer(s). Number of Purchase order may be more than one to reach the count of 500, execution certificate for each order to be submitted.

	as on RFP submission date. Out of this 500 MPLS Links bidder should have commissioned at least 300 Links in Public / Private Sector Banks.	
6.	The bidder for Category A link should have an experience of minimum 2 year in providing proposed MPLS VPN connectivity in India.	Purchase Order and Work Completion certificate /work Satisfaction letter from the client confirming the same, shall be submitted.
7.	The bidder for Category A link should have minimum 50 nos. of MPLS POPs across India.	Necessary address & contact details to be submitted.
8.	The bidder for Category A link should have MPLS link feasibility in minimum of 50% of total sites as mentioned in Annexure V.	Bidder has to submit Feasibility report as per (technical template) Annexure 'Q'. Bank reserves the right to cross check the feasibility of branches on random basis. However, it will be sole responsibility of selected bidder to commission links as per their feasibility report.
9.	The Bidder for Category A & B link should have their own nation-wide high availability MPLS network backbone . The bidder's core MPLS backbone should be fully meshed.	Bidder has to submit the declaration for this clause during bid submission.
10.	The bidder for Category B type of link should have deployed proposed MPLS link on 4G/5G media in at least 200 branches/offices as last mile in Public / Private Sector Bank /Financial Institutions/ Government Organization within India as on RFP submission date. Out of this 200 Links, bidder should have commissioned at least 100 Links in Public / Private Sector Banks.	A. Purchase order and execution certificate from existing customer(s) for confirming the same. Also, Satisfactory letter along with the POs and execution certificate also to be submitted by the bidder.
11.	The bidder for Category B type of link should have their own operational 4G/5G based MPLS network . The bidder also must have valid NLD license to operate 4G/5G based MPLS	Copy of license should be submitted

	network in India and should be valid throughout the contract period.	
12.	The bidder for Category B type of link should have proposed link feasibility in minimum of 60% of sites as mentioned in Annexure V .	Bidder has to submit Feasibility report as per (technical template) Annexure 'Q'. Bank reserves the right to cross check the feasibility of branches on random basis. However, it will be sole responsibility of selected bidder to commission links as per their feasibility report.
13.	The Bidder for all categories should have their own & independent full-fledged "Network Management Centre (NOC/NMC)" , round the clock (24x7) manned by skilled & technical manpower, for efficient central & remote monitoring, configuration, diagnosis troubleshooting and performance management of backbone network and last mile network of customers.	Necessary details such as location details, Technology used & resources deployed etc. to be submitted.
14.	The Bidder for all categories should have preferably service support centre covering all 42 Zones mentioned as per the Annexure - P and undertake to provide seamless service to branches from the service support centres.	List of Support Service Centre with Address & contact details, Manpower Strength should be specified in Annexure – P covering all Zones.
15.	The Bidder for all categories should not have been debarred/black-listed for corrupt and fraudulent practices by any Bank / Govt. / Govt. agency/PSUs Bank(s)/Financial Institutions in India as on RFP submission date.	An undertaking to this effect must be submitted on company letter head duly signed & stamp. Please refer as per the format of Annexure – "F" .
16.	The bidder should ensure that there are no legal proceedings / inquiries / investigations have been commenced / pending against selected bidder by any statutory or regulatory agencies which may result in liquidation of company / firm and / or deterrent on continuity of business.	Declaration in the letterhead of the bidder's company to that effect should be submitted.

The selected bidder must comply with all above-mentioned criteria. Non-compliance of any of the criteria will entail rejection of the offer summarily. Documentary Evidence for compliance to each of the eligibility criteria must be enclosed along with the bid together with references. Undertaking for subsequent submission of any of the required document will not be entertained under any circumstances. However, UCO BANK reserves the right to seek clarifications on the already submitted documents. Any decision of UCO BANK in this regard shall be final, conclusive and binding upon the selected bidder. Photocopies of relevant documents / certificates should be submitted as proof in support of the claims made. UCO BANK reserves the right to verify /evaluate the claims made by the bidder independently. Any decision of UCO BANK in this regard shall be final, conclusive and binding upon the bidder.

Photocopies of relevant documents / certificates should be submitted as proof in support of the claims made. UCO BANK reserves the right to verify /evaluate the claims made by the bidder independently. Any decision of UCO BANK in this regard shall be final, conclusive and binding upon the bidder.

PART – II: INVITATION FOR BIDS AND INSTRUCTIONS TO BIDDERS

1. INVITATION FOR BIDS

This Request for Proposal (RFP) is to invite proposals from eligible bidders for Supply, Commissioning, Maintenance & Management of MPLS Link on WIRED/RF AND 4G/5G (SINGLE SIM BASED). Sealed offers / Bids (Bid) prepared in accordance with this RFP should be submitted as per details given in the Bid Control sheet. The criteria and the actual process of evaluation of the responses to this RFP and subsequent selection of the successful bidder will be entirely at Bank's discretion.

2. DUE DILIGENCE

The Bidder is expected to examine all instructions, forms, terms and specifications in this RFP and study the RFP document carefully. Bid shall be deemed to have been submitted after careful study and examination of this RFP with full understanding of its implications. The Bid should be precise, complete and in the prescribed format as per the requirement of this RFP. Failure to furnish all information required by this RFP or submission of a Bid not responsive to this RFP in each and every respect will be at the Bidder's own risk and may result in rejection of the Bid and for which UCO Bank shall not be held responsible.

3. TENDER DOCUMENT & FEE

A complete set of tender document can be obtained from the below mentioned address during office hours on all working days on submission of a written application along with a non-refundable fee of **Rs. 30,000.00 (Rupees thirty Thousand Only) + additional GST @18% of Tender document Cost (Please quote your GST number)** in the form of Demand Draft or Banker's Cheque in favour of UCO BANK, payable at Kolkata.

The tender document may also download from the bank's official website www.ucobank.com. The bidder downloading the tender document from the website is required to submit a non-refundable fee of **Rs. 30,000.00 (Rupees thirty Thousand Only) + additional GST @18% of Tender document Cost (Please quote your GST number)** in the form of Demand Draft or Banker's Cheque in favour of UCO BANK, payable at Kolkata, or NEFT at the time of submission of the technical bid, failing which the bid of the concerned bidder will be rejected.

Bank details for Tender Fee	Address for Obtaining printed copy of RFP
Account Number-18700210000755 Account Name- M/s H O DIT Branch- DD Block, Salt Lake branch IFSC- UCBA0001870 MICR-700028138	UCO Bank Head office, Department of Information Technology 3&4 DD Block, 7 th floor, Salt lake City, Sector-1, Kolkata – 700064 Phone- 033- 4455 9775/9770

4. EARNEST MONEY DEPOSIT

The Bidder must submit Earnest Money Deposit (EMD) along with the Technical Bid in the form of Bank Guarantee having validity period for 180 days from the date of opening of Technical Bid in the format given in **Annexure C**. The EMD amount is Rs **30,00,000/- (Rupees Thirty lakh Only)** issued by any scheduled commercial bank operating in India.

Non-submission of EMD will lead to outright rejection of the bid of the bidder. The EMD of unsuccessful bidders will be returned on completion of the tender process. The EMD of successful bidder will be returned on submission of Performance Bank Guarantee as specified hereunder.

The EMD will not bear any interest and EMD made by the bidder will be impounded if:

- a.** The bidder withdraws its bid during the period of bid validity (180 days from the date of opening of bid).
- b.** If the bidder makes any statement or encloses any form which turns out to be false, fake, incorrect and /or misleading at any time prior to signing of contract and /or conceals or suppresses material information; and/or .
- c.** The selected bidder withdraws his tender before furnishing an unconditional and irrevocable Performance Bank Guarantee.
- d.** The bidder violates any of the provisions of the terms and conditions of this tender specification.
- e.** In case the successful bidder fails in the following:
 - To sign the contract in the form and manner to the satisfaction of UCO BANK.
 - To furnish Performance Bank Guarantee in the form and manner to the satisfaction of UCO BANK either at the time of or before the execution of Service Level Agreement (SLA)

5. REJECTION OF THE BID

The Bid is liable to be rejected if:

- a) The document doesn't bear signature of authorized person on each page signed and duly stamp.
- b) It is received through E-mail.
- c) It is received after expiry of the due date and time stipulated, or such extended time as stipulated by the Bank, for bid submission.
- d) Incomplete Bids, including non-submission or non-furnishing of requisite documents / Conditional Bids/ deviation of terms & conditions or scope of work/ incorrect information in bid / Bids not conforming to the terms and conditions stipulated in this Request for proposal (RFP) are liable for rejection by the Bank.
- e) Bidder should comply with all the points mentioned in the RFP. Non-compliance of any point will lead to rejection of the bid.
- f) Any form of canvassing/lobbying/influence/query regarding short listing, status etc. will be a disqualification.
- g) The bidder submits Incomplete Bids, including non-submission or non-furnishing of requisite documents / Conditional Bids / Bids not conforming to the terms and conditions stipulated in this Request for proposal (RFP).
- h) Non-submission of Pre Contract Integrity Pact as per format given in **Annexure – M.**

6. PRE-BID MEETING

The queries for the Pre-bid Meeting should reach us in writing or by email on or before the date mentioned in the Bid Control Sheet by e-mail to hodit.proc@ucobank.co.in. It may be noted that no query from any bidder shall be entertained or received after the above mentioned date. Queries raised by the prospective bidder and the Bank's response will be hosted on Bank's web site. No individual correspondence will be accepted in this regard.

Only authorized representatives, not more than two, of the bidder will be allowed to attend the Pre-bid meeting.

7. MODIFICATION AND WITHDRAWAL OF BIDS

No bid can be modified by the bidder subsequent to the closing date and time for submission of bids. In the event of withdrawal of the bid by successful bidders, the EMD will be forfeited by the Bidder and impounded by the Bank.

8. INFORMATION PROVIDED

The RFP document contains statements derived from information that is believed to be reliable at the date obtained but does not purport to provide all of the information that may be necessary or desirable to enable an intending contracting party to determine whether or not to enter into a contract or arrangement with Bank in relation to the provision of services. Neither Bank nor any of its employees, agents, contractors, or advisers gives any representation or warranty, express or implied as to the accuracy or completeness of any information or statement given or made in this RFP document.

9. CLARIFICATION OF OFFER

To assist in the scrutiny, evaluation and comparison of offers/bids, UCO Bank may, at its sole discretion, ask some or all bidders for clarification of their offer/bid. The request for such clarifications and the response will necessarily be in writing and no change in the price or substance of the bid shall be sought, offered or permitted. Any decision of UCO Bank in this regard shall be final, conclusive and binding on the bidder.

10. LATE BIDS

Any bid received by the Bank after the deadline (Date and Time mentioned in Bid Details table / Pre Bid / subsequent addenda / corrigenda) for submission of bids will be rejected and / or returned unopened to the bidder.

11. ISSUE OF CORRIGENDUM

At any time prior to the last date of receipt of bids, Bank may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the RFP document by a Corrigendum. Any such corrigendum shall be deemed to be incorporated into this RFP.

12. FOR RESPONDENT ONLY

The RFP document is intended solely for the information to the party to whom it is issued ("the Recipient" or "the Respondent") and no other person or organization.

13. DISCLAIMER

Subject to any law to the contrary, and to the maximum extent permitted by law, Bank and its officers, employees, contractors, agents, and advisers disclaim all liability from any loss or damage (whether foreseeable or not) suffered by any person acting on or refraining from acting because of any information, including

forecasts, statements, estimates, or projections contained in this RFP document or conduct ancillary to it whether or not the loss or damage arises in connection with any negligence, omission, default, lack of care or misrepresentation on the part of Bank or any of its officers, employees, contractors, agents, or advisers.

14. SELECTION PROCESS

The bidder who qualifies in the technical evaluation will qualify for commercial evaluation. The bidder whose bid has been determined to be responsive and who quotes the lowest price will be treated as **L1 Bidder and so on**.

Any decision of Bank in this regard shall be final, conclusive and binding upon the bidder(s).

15. COSTS BORNE BY RESPONDENTS

All costs and expenses incurred by Recipients / Respondents in any way associated with the development, preparation, and submission of responses, including but not limited to attendance at meetings, discussions, demonstrations, etc. and providing any additional information required by Bank, will be borne entirely and exclusively by the Recipient / Respondent.

16. NO LEGAL RELATIONSHIP

No binding legal relationship will exist between any of the Recipients / Respondents and Bank until execution of a contractual agreement.

17. CANCELLATION OF TENDER PROCESS

- a. UCO Bank reserves the right to cancel the tender process partly or fully at its sole discretion at any stage without assigning any reason to any of the participating bidder.
- b. The vendor shall indemnify UCO Bank and keep indemnified against any loss or damage that UCO Bank may sustain on account of any violation of patents, trademark etc. by the vendor in respect of the products supplied / services offered.

18. CORRUPT AND FRAUDULENT PRACTICES

As per Central Vigilance Commission (CVC) directives, it is required that Bidders / Suppliers / Contractors observe the highest standard of ethics during the procurement and execution of such contracts in pursuance of this policy:

“Corrupt Practice” means the offering, giving, receiving or soliciting of anything of values to influence the action of an official in the procurement process or in contract execution

AND

“Fraudulent Practice” means a misrepresentation of facts in order to influence a procurement process or the execution of contract to the detriment of the Bank and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Bank of the benefits of free and open competition.

The Bank reserves the right to reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.

The Bank reserves the right to declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if at any time it determines that the firm has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

19. NON-TRANSFERRABLE OFFER

This Request for Proposal (RFP) is not transferable. Only the bidder who has purchased this document in its name or submitted the necessary RFP price (for downloaded RFP) will be eligible for participation in the evaluation process.

20. PERIOD OF BID VALIDITY

Bids shall remain valid for 180 (One Hundred and Eighty) days after the date of bid opening prescribed by UCO BANK. UCO BANK holds the rights to reject a bid valid for a period shorter than 180 days as non-responsive, without any correspondence. In exceptional circumstances, UCO BANK may solicit the Bidder's consent to an extension of the validity period. The request and the response thereto shall be made in writing. Extension of validity period by the Bidder should be unconditional and irrevocable. The Bid Security provided shall also be suitably extended. A bidder acceding to the request will neither be required nor be permitted to modify its bid. A bidder may refuse the request without forfeiting its bid security. In any case the bid security of the bidders will be returned after completion of the process.

21. NO COMMITMENT TO ACCEPT LOWEST OR ANY BID

UCO Bank shall be under no obligation to accept the lowest or any other offer received in response to this RFP and shall be entitled to reject any or all offers including those received late or incomplete offers without assigning any reason whatsoever. UCO Bank reserves the right to make any changes in the terms and conditions of purchase. UCO Bank will not be obliged to meet and have discussions with any vendor, and or to listen to any representations.

22. ERRORS AND OMISSIONS

Each Recipient should notify Bank of any error, omission, or discrepancy found in this RFP document.

23. ACCEPTANCE OF TERMS

A Recipient will, by responding to Bank RFP, be deemed to have accepted the terms as stated in the RFP.

24. RFP RESPONSE

If the response to this RFP does not include the information required or is incomplete or submission is through Fax mode or through e-mail, the response to the RFP is liable to be rejected.

All submissions will become the property of Bank. Recipients shall be deemed to license, and grant all rights to, Bank to reproduce the whole or any portion of their submission for the purpose of evaluation, to disclose the contents of the submission to other Recipients who have registered a submission and to disclose and/or use the contents of the submission as the basis for any resulting RFP process, notwithstanding any copyright or other intellectual property right that may subsist in the submission or Banking documents.

25. NOTIFICATION

Bank will notify the Respondents in writing as soon as possible about the outcome of the RFP evaluation process, including whether the Respondent's RFP response has been accepted or rejected. Bank is not obliged to provide any reasons for any such acceptance or rejection.

26. ERASURES OR ALTERATIONS

The Bid should contain no alterations, erasures or overwriting except as necessary to correct errors made by the Bidder, in which case corrections should be duly stamped and initialled / authenticated by the person/(s) signing the Bid.

27. CLARIFICATIONS ON AND AMENDMENTS TO RFP DOCUMENT

Prospective bidders may seek clarification on the RFP document by letter/fax/e-mail till the date mentioned in the bid control sheet. Further, at least 7 days' time prior to the last date for bid-submission, the Bank may, for any reason, whether at its own initiative or in response to clarification(s) sought from prospective bidders, modify the RFP contents by amendment. Clarification /Amendment, if any, will be notified on Bank's website.

28. LANGUAGE OF BIDS

The bid as well as all correspondence and documents relating to the bid exchanged by the bidder and the Bank shall be in English language only.

29. AUTHORIZED SIGNATORY

The bid shall be signed by a person or persons duly authorized by the Bidder with signature duly attested. In the case of a body corporate, the bid shall be signed by person who is duly authorized by the Board of Directors / Competent Authority of the bidder or having Power of Attorney.

The selected bidder shall indicate the authorized signatories who can discuss, sign negotiate, correspond and any other required formalities with the bank, with regard to the obligations. The selected bidder shall submit, a certified copy of the resolution of their Board certified by Company Secretary along with Power of Attorney duly stamped, authorizing an official or officials of the company to discuss, sign with the Bank, raise invoice and accept payments and also to correspond.

30. SUBMISSION OF OFFER- THREE BID SYSTEM

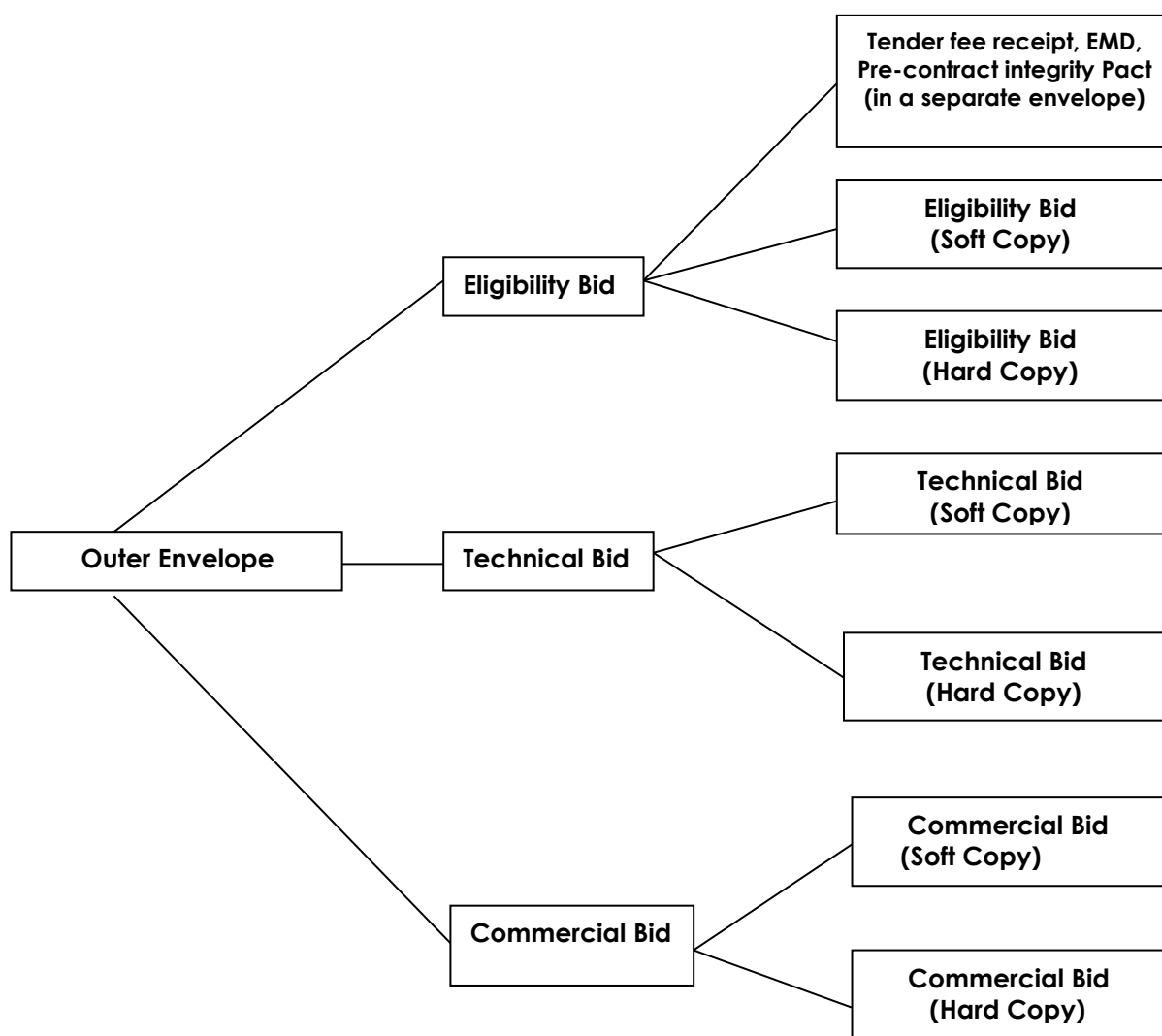
Separate Eligibility, Technical and Commercial Bids along with soft copies duly sealed and super-scribed as - **RFP for Supply, Commissioning, Maintenance & Management of MPLS Link on WIRED/RF AND 4G/5G (SINGLE SIM BASED) (Eligibility Bid for Category A/B)**, -- **RFP for Supply, Commissioning, Maintenance & Management of MPLS Link on WIRED/RF AND 4G/5G (SINGLE SIM BASED) (Technical Bid for Category – A/B)** and -- **RFP for Supply, Commissioning, Maintenance & Management of MPLS Link on WIRED/RF AND 4G/5G (SINGLE SIM BASED) (Commercial Bid for Category A/B)** respectively should be put in a single sealed outer cover duly sealed and super-scribed as- **"RFP On Supply, Commissioning, Maintenance & Management of MPLS Link on WIRED/RF AND 4G/5G (SINGLE SIM BASED) – Category A/B or A and B** "as per the below mentioned diagram and as per bid details given in the RFP.

The bids (along with soft copy) shall be dropped/submitted at UCO Bank's address given in Bid Control Sheet Table, on or before the date specified therein.

All envelopes must be super-scribed with the following information:

- Name of the Bidder
- Bid Reference No.
- Type of Bid (Eligibility or Technical or Commercial)

The Eligibility and Technical Bid should be complete in all respects and contain all information asked for, in the exact format of eligibility and technical specifications given in the RFP, except prices. The Eligibility and Technical Bids must not contain any price information otherwise BANK, at its sole discretion, may not evaluate the same. Any decision of UCO BANK in this regard shall be final, conclusive and binding upon the bidders. The Technical bid should have documentary proof in support of Eligibility Criteria and all the Annexures as per RFP document.



Bidder to ensure that Soft copy of the bids submitted, should contain each and every document submitted in the original bid documents.

The Commercial Offer (Hard Copy) should contain all relevant price information as per **Annexure – S**.

All pages and documents in individual bids should be numbered as page no. – (Current Page No.) of page no – (Total Page No.) and should contain tender reference no. and bank's Name.

Note:

- 1** If the outer cover / envelop are not sealed & super-scribed as required, the Bank will assume no responsibility for bid documents misplacement or premature opening.
- 2** The commercial offer (Hard Copy) should contain all relevant price information.
- 3** **All pages and documents in individual bids should be numbered as page no. (Current Page. No) of page. No - (Total Page No) and should contain tender reference no. and Bank's Name.**
- 4** The Bank does not bind itself to accept the lowest or any Bid and reserves the right to reject any or all Bids at any point of time prior to the issuance of purchase order without assigning any reasons whatsoever.
- 5** If any inner cover / envelop of a bid is found to contain Eligibility/ Technical & Commercial Bids together then that bid will be rejected summarily.
- 6** If any outer envelope is found to contain only the eligibility bid or technical bid or commercial bid, it will be treated as incomplete and that bid will be liable for rejection.
- 7** If commercial bid is not submitted in a separate sealed envelope duly marked as mentioned above, this will constitute grounds for declaring the bid non-responsive.
- 8** The Bank reserves the right to resort to re-tendering without providing any reason whatsoever. The Bank shall not incur any liability on account of such rejection.
- 9** The Bank reserves the right to modify any terms, conditions or specifications for submission of bids and to obtain revised Bids from the bidders due to such changes, if any, at any time prior to completion of evaluation of technical / eligibility bids from the participating bidders.
- 10** Canvassing of any kind will be a disqualification and the Bank may decide to cancel the bidder from its empanelment.
- 11** The Bidders will have to guarantee availability of comprehensive support of entire infrastructure including future upgrades to the bank for the solution for the contract period. In case takeover/amalgamation/merger of Vendor

Company, Service level agreements (SLAs) and other commitments entered into with the Bank will be continued with the new entity, bidders to submit an undertaking to this effect.

31. OTHER TERMS AND CONDITIONS

- a. Cost of preparation and submission of bid document:** The bidder shall bear all costs for the preparation and submission of the bid. UCO Bank shall not be responsible or liable for reimbursing/compensating these costs, regardless of the conduct or outcome of the bidding process.
- b.** The Bank reserves the right to modify any terms, conditions and specifications of this request for submission of offer and to obtain revised bids from the bidders with regard to such changes. The Bank reserves its right to negotiate with any or all bidders. The Bank reserves the right to accept any bid in whole or in part.
- c.** The Bank reserves the right to reject any or all offers based on its own evaluation of the offers received, or on the basis of stability, capabilities, track records, reputation among users and other similar features of a bidder. When the Bank makes any such rejection, the Bank will not be bound to give any reason and/or justification in this regard to the bidder. The Bank further reserves the right to reject any or all offers or cancel the whole tendering process due to change in its business requirement.
- d. Response of the Bid:** The Bidder should comply all the terms and conditions of RFP.
- e.** The bidder is solely responsible for any legal obligation related to licenses during contract period for the solution proposed and Bidder shall give indemnity to that effect.
- f.** UCO Bank shall be under no obligation to accept the lowest or any other offer received in response to this offer notice and shall be entitled to reject any or all offers without assigning any reason whatsoever. UCO Bank has the right to re-issue tender/bid. UCO Bank reserves the right to make any changes in the terms and conditions of purchase that will be informed to all bidders. UCO Bank will not be obliged to meet and have discussions with any bidder, and / or to listen to any representations once their offer/bid is rejected. Any decision of UCO Bank in this regard shall be final, conclusive and binding upon the bidder.

PART –III

BID OPENING AND EVALUATION CRITERIA

There would be three (3) stages for evaluation process. The Stages are:

- I) Eligibility Criteria Evaluation
- II) Technical Evaluation
- III) Commercial Evaluation

1. ELIGIBILITY EVALUATION

The Eligibility would be evaluated first for the participating bidders. The bidders who would qualify all Eligibility Criteria as mentioned in clause 2.1, will be shortlisted for the Technical bid evaluation. A detailed techno-commercial evaluation would be undertaken for eligible bidders.

2. TECHNICAL EVALUATION

In Technical evaluation process, the technical bid of only eligible bidders would be evaluated. The Technical evaluation will be done on the basis of comply chart provided by bidder as per Scope of work in Part IV and Technical requirements as per Annexure – Q. The Bidder should comply all points in scope of work in Part IV and all technical requirements in Annexure – Q.

Non-compliance of any point either in scope of work or any technical requirements in Annexure-Q may lead to rejection from the further bidding process. After technical evaluation commercial bids of only technically qualified bidders will be opened.

Bidder has to provide link feasibility report for each & every branches as mentioned in **Annexure – V** for MPLS link on wire/RF media & MPLS link on 4G/5G (single SIM based) media separately. Along with the feasibility report bidder need to mention the status of landlord permission obtained from Branch during this activity.

The Technical evaluation will be done on the basis of comply chart provided by bidder as per Scope of work in Part IV and Technical requirements as per **Annexure – Q**.

3. COMMERCIAL EVALUATION

The Commercial Bids of only technically qualified bidders will be opened and evaluated by the Bank and the evaluation will take into account the following factors:

- a. The **Bill of Material** must be attached in Technical Proposal as well as Commercial Bid. The format will be identical for both Technical Proposal and Commercial Proposal, except that the Technical Proposal should not contain any price information (**Annexure- R with Prices masked**). Technical Proposal without **masked Bill of Materials & masked Commercial Template** will be liable for rejection. Any deviations from the Bill of material/ non submission of prices as per the format shall make the bid liable for rejection.
- b. The L1 Bidder will be selected on the basis of the amount quoted for proposed solution quoted by them as per **Annexure-S**. The commercial bids for categories A & B will be evaluated separately and L1, L2 & L3 for Category A and L1 & L2 for category B shall be selected.
- c. The optimized TCO (Total Cost of Ownership) identified in the commercial bid would be the basis of the entire outflow of the Bank for undertaking the scope of work. Any further hardware, software, licenses required to meet the performance criteria of the Bank as stated in the RFP, during the tenure of the project, would be at the cost of the Bidder.
- d. The bidder will be solely responsible for complying with any applicable Export / Import Regulations. The Bank will no way be responsible for any deemed Export benefit that may be available to the bidder.
- e. In case there is a variation between numbers and words; the value mentioned in words would be considered.
- f. In the event the vendor has not quoted or mentioned the component or services required, for evaluation purposes the highest value of the submitted bids for that component or service would be used to calculate the TCO. For the purposes of payment and finalization of the contract, the value of the lowest bid would be used.
- g. **In the event the bidder is not feasible for Category A or B links for all branches, for evaluation purposes the highest cost of link for that category of link, if any, in the submitted bids would be used to calculate the TCO. For the purposes of payment and finalization of the contract, the value of the lowest bid would be used.**

Example:

Total no. of sites – 100

Bidder A Quote:

Feasible – 30@ Rs. 100 per site

Non feasible – 70

Bidder B Quote:

Feasible – 50@ Rs. 110 per site

Non feasible – 50

Bidder C Quote:

Feasible – 25@ Rs. 90 per site

Non feasible – 75

Bidder D Quote:

Feasible – 70@ Rs. 90 per site

Non feasible – 30

From Above, Highest quotation for a link – Rs. 110, therefore, TCO will be arrived as follows:

	Bidder A		Bidder B		Bidder C		Bidder D	
	Feasible	Non Feasible	Feasible	Non feasible	Feasible	Non feasible	Feasible	Non feasible
No. of Sites	30	70	50	50	25	75	70	30
Price per link for feasible location	100		110		90		90	
Total Cost for feasible links (A)	3000		5500		2250		6300	
Price per link for non-feasible location		110		110		110		110
Total Cost for non-feasible links (B)		7700		5500		8250		3300
TCO (A + B)	10700		11000		10500		9600	
Evaluation	L3		L4		L2		L1	

- h. In case there is a variation in value between numbers and words; the value mentioned in words would be considered.

- i. In case more than one bidder(s) are evaluated with equal TCO, bidder with highest no. of feasible sites will be given precedence over other bidder (for same TCO)

The Bidder needs to provide unit costs for link and services; unit rates with applicable taxes including GST would be considered for the TCO calculation purposes.

Bank will finalize the L1 bidder based on the TCO of each category of link quoted by the bidder in **Annexure “S”**, having the following terms and conditions:

- I. Bidders to strictly quote in the format and for periods as mentioned above.
- II. L1 bidder would be determined based on the total cost of ownership of that category.
- III. No counter condition/assumption in response to commercial bid will be accepted. Bank reserves the right to reject such bid.
- IV. The requirement of links at branches are indicative for the TCO calculation. However, it may vary depending upon the Bank's requirement.
- V. The Bank reserves the right to decrease or increase the no. of branches up to 25% (Twenty-Five percent) of the projected no. of branches with the bidder/s at the agreed price, terms and conditions during the contract period. Any decision of Bank in this regard shall be final, conclusive and binding on the bidder

4. NORMALIZATION OF BIDS:

The Bank has discretion to go through a process of Eligibility evaluation followed by the technical evaluation and normalization of the bids to the extent possible to ensure that eligible bidders are more or less on the same technical ground. After the normalization process, if the Bank feels that any of the bids needs to be normalized and that such normalization has a bearing on the price bids; the Bank may at its discretion ask all the eligible bidders to re-submit the technical and commercial bids once again for scrutiny.

The resubmissions can be requested by the Bank in the following two manners:

- Incremental bid submission in part of the requested clarification by the Bank.
- Revised submissions of the entire bid in the whole.

The Bank can repeat this normalization process at every stage of bid submission or till the Bank is satisfied. The eligible bidder/s have to agree that they have no reservation or objection to the normalization process and all the technically short

listed bidders will, by responding to this RFP, agree to participate in the normalization process and extend their co-operation to the Bank during this process. The shortlisted bidder/s, by submitting the response to this RFP, agrees to the process and conditions of the normalization process.

5. SHORTLISTING

The bidder needs to qualify as per eligibility criteria. Only eligible bidders will be qualified for the Technical evaluation process, to be qualified for commercial bid opening. Only those bidders who achieve technical requirements mentioned in scope of work would be short-listed for commercial bid evaluation.

The Commercial Bids of only technically qualified bidders will be opened and evaluated by the Bank and the evaluation will take into account the following factors:

- a)** The TCO identified in the commercial bid would be the basis of the entire outflow of the Bank for undertaking the scope of work. The Bank will consider the TCO over a three year period starting from the date of Purchase order.
- b)** The bidder will be solely responsible for complying with any applicable Export / Import Regulations. The Bank will no way be responsible for any deemed Export benefit that may be available to the bidder.
- c)** In case there is a variation between numbers and words; the value mentioned in words would be considered.
- d)** In the event the vendor has not quoted or mentioned the component or services required, for evaluation purposes the highest value of the submitted bids for that component or service would be used to calculate the TCO. For the purposes of payment and finalization of the contract, the value of the lowest bid would be used.

PART –IV

SCOPE OF THE WORK

The scope of services for the Supply, Commissioning, maintenance & Management of category **A & B** type of link at branches is as follows:

FOR ALL CATEGORIES OF LINKS

- 4.1.1** Bidder should provide feasibility report last mile on Wire/RF & 4G/5G (Single SIM Based) separately for branches as per list mentioned in **Annexure – V**. The links will be used either as primary or as back up of existing MPLS links from BSNL/MTNL/Sify/JIO/Airtel/Others links with load sharing and Auto-failover option.
- 4.1.2** Bidders shall have to submit proposed MPLS link feasibility report for category A & B link for all branches separately. Desktop feasibility will not be accepted.
- 4.1.3** The bidders are expected to do a site survey for feasibility and for installation of the required equipments. They should clearly mention the required equipment/s that will be deployed during commissioning. The charges towards network equipments, accessories, cabling & other activities should be included in the cost of link.
- 4.1.4** Any deviation with respect to feasibility report submitted such as wired to wireless, increase in pole height, declared as feasible, etc. but later during the implementation of the project found to be non-feasible, will not be accepted. The selected bidder shall be penalized for the deviation.
- 4.1.5** Bidder should provide connectivity through wire line or stable wireless media meeting the bandwidth, latency, uptime, secured connectivity aspects etc. and other requirement mentioned in this RFP.
 - For the branches where MPLS on Wired/RF is not feasible at all, Bank may decide to go for 4G/5G (Single SIM Based) as last mile.
- 4.1.6** The prospective bidder shall establish the VPN Network and should be capable of maintaining it for a **period of at least 3 years**, based upon performance, Bank may extend the contract for further period on same terms and conditions on mutually agreed prices.

- 4.1.7** For Category A & B - link provided by bidder should be fully isolated from Internet traffic even if running on the same core/backbone. It is desired that same PE Router does not run both customer VPN traffic and Internet traffic. The VPN network offered to the Bank should not carry any internet routes. The bidder has to provide network topology showing how internet traffic is segregated from proposed MPLS cloud.
- 4.1.8** Branches connected through offered MPLS link should communicate each other directly without coming to Data Centre i.e. any to any communication.
- 4.1.9** Selected bidder should provide connectivity with minimum number of "hop" for all links.
- 4.1.10** Bank expects minimum number of hop count while routing packets through network.
- 4.1.11** All the POPs from where the bandwidth is provided to Bank should have redundancy of equipments, links, power, backhaul connectivity etc. Bidder should submit an undertaking for the same.
- 4.1.12** The network of bidder should not be linked with any type of network from BSNL/MTNL at core / distribution / access / last mile level at any location.
- 4.1.13** The backhaul link to be terminated at Bank's data center at Bangalore & Disaster Recovery Center at Kolkata should be of Optical Fiber media only with self-healing ring based architecture. The last mile should be coming via two different physical paths. **A diagram showing path redundancy at our data center should be submitted with technical bid.** Any cross-connect charges, if required to terminate the link at our Bangalore & Kolkata Data center, will be borne by the selected bidder.
- 4.1.14** The bandwidth of backhaul link is factored as 20 Mbps and bidder to quote the cost of the same in commercial bid. Bank shall place order for backhaul in tranche of 20 Mbps as per the requirement. For existing vendor, existing Backhaul Links to be utilized which may be upgraded as per requirement at mutually agreed terms. Bidder shall ensure to upgrade the bandwidth of DC and DR backhaul links to minimum 2 times of bandwidth (i.e. 2 times of (Total links X 2 Mbps)) during the contract period at any point of time. Necessary network devices such as Router/Mux/Rack along with necessary cabling and Battery Backup as per Industry Standard to be provided by Bidder without any additional cost.

Note: The existing empanelled service providers, who participates in this process and have already provided the Backhaul links for the branch connectivity under previous contracts and intended to use the existing backhaul links under this project, can augment the capacity of existing backhaul proportionately with the count of branches/links which are commissioned under this RFP with the prior consent of Bank. Bank can further investigate such proposals/ solution as per the Information security norms and may take decision accordingly.

However, if additional backhaul bandwidth is required for running the branches under this RFP Bank shall place order with the selected bidder in tranche of 20 Mbps. Further, Bank shall pay the cost of Backhaul bandwidth based upon the lowest rate between the existing (with which Bank is paying currently to the respective vendor) and the discovered rate (from this RFP).

- 4.1.15** For Category A & B, the connectivity provided by the bidder has to be Layer 3 MPLS solution on dedicated ports with **1:1** full duplex committed information rate with end point as Ethernet. The circuit should be available in full duplex mode with sending and receiving available on the same circuit. (For e.g. - On a 2 Mbps circuit, 2 Mbps sending and 2 Mbps receiving should be possible simultaneously).
- 4.1.16** The selected bidder shall provide committed bandwidth at each location and make it available continuously. Bidder should ensure that committed bandwidth subscribed by Bank is always available for use. Bank may test the load on the links from time to time. In case of bandwidth subscribed by the branch is not available at any time, the duration of non-availability of committed bandwidth will be treated as downtime of the link. Penalty on downtime will be enforced accordingly.
- 4.1.17** The bidder is required to specify if bursting is available as a supported service. If so, bidder may define the process and specify the lead- times for requesting bursts. The bidder may also confirm the flexibility to dynamically allocate bandwidth to the Bank on demand either on a permanent or temporary basis.
- 4.1.18** A separate VPN is to be created only for Bank network and in no way the VPN should be shared with other customers sharing the MPLS backbone. Bank MPLS Network must be accessible to Bank nodes only. Bank has implemented IPSEC VPN in its existing network. Bank will also run IPSEC VPN on this MPLS link and there should not be any dependency from bidder/ bidder on this implementation while integrating their MPLS network. Further,

there should not be any dependency on the bidder if Bank decides to implement other VPN variants like GETVPN, DMVPN or any other such technology.

- 4.1.19** The initial bandwidth of each category link at branch end should be according to the bandwidth mentioned in **Annexure – V**. The bandwidth must be capable of upgrading at a later stage as and when required by the Bank.

Bidder needs to have a co-ordination with Bank's existing network system integrator for integrating proposed links with present infrastructure in order to run the branches/offices smoothly.

- 4.1.20** Bank desires to subscribe network connectivity for the branches / offices across the country; hence the selected bidder should work seamlessly throughout the country.

- 4.1.21** Any extra material required for the project execution not mentioned in the commercial bid, shall be supplied and deployed by the bidder at no extra cost to Bank.

- 4.1.22** Bidder must ensure that it will use products that are intrinsically safe and are approved for use in these locations. It must adhere to Government of India safety regulation and should use earthing for all its masts.

- 4.1.23** If the last mile is on wireless, bidder has to ensure that no other Radio equipment causes interference and should not be able to trap the wireless signals used for Bank's network. Bidder has to ensure the secure end to end encryption for wireless network.

- 4.1.24** When the location which is connected using Wireless last mile and if subsequently wired connectivity become feasible the vendor has to convert the last mile to wired link at no additional cost to the bank.

- 4.1.25** Bidder should provision all equipment required to provide the wireless connectivity at branch/office for getting usable wireless signal strength i.e. internal/external cabling and antenna etc.

- 4.1.26** Bidder will monitor the links on a near real-time basis (Proactive Monitoring) and Bidder must have their own Network Operation Centre for monitoring of the Network. Bidder will monitor all the links from their NOC through NMS and submit the reports like Uptime, Bandwidth utilization, Link error, latency,

etc. on monthly basis and as per the Bank's requirement. Bank will provide the SNMP access (read only) of the router for monitoring of the link. All the locations are to be monitored on **24x7x365**. Bidder should provide site-wise network link usage and uptime.

4.1.27 The bidder shall build and provide to the Bank and Bank's Network Integrator access to an online monitoring portal where link status such as link up or down, down since, reason for down, expected time for resolution (ETR), last mile bidder, circuit ID, incident number etc. shall be available in a graphical format. The portal should also provide downloadable SLA reports for each month for the entire duration of the contract. It should also have the capability of generating reports in different formats (including PDF) as required by the Bank. The portal shall also display up-to-date contact details of the helpdesk and single point of contact (name, designation, telephone numbers, Email ID) as well as the escalation matrix. This information shall be used by the Bank/NI to seek support, log complaints etc. This portal should be made available within 30 days from the date of issuance of PO/Lol.

4.1.28 The bidder shall respond on the issues/complaints lodged by the Bank/NI as per the following severity matrix:

Technical Severity Level	Time to Respond
Level 1 (High)	15 minutes
Level 2 (Moderate)	30 minutes
Level 3 (Low)	60 minutes

TECHNICAL SEVERITY LEVEL	DESCRIPTION	EXAMPLES
Level 1	Non-availability of network connectivity to one or more locations as specified in Section of Scope of Work of this RFP and all network issues pertaining to the Bank's DC.	Isolation of a location on account of link failure.
Level 2	Major performance degradation in the services	Breach in performance parameters (e.g. high latency, flapping of links, etc.) with significant impact on the functioning of one or more locations as specified in Section of Scope of Work of this RFP.
Level 3	Minor performance degradation in the services	Breach in performance parameters with no or minimal impact on the functioning of one or more locations as specified in Scope of Work of this RFP.

4.1.29 The bidder has to ensure the availability of adequate number of resources (at NOC & Sites) till the link is commissioned and stabilized. However, bidder is required to make available the engineers/resources at the site during the installation, commissioning of the links and whenever there is a requirement for in person presence for either troubleshooting or any other reason. Engineer should have adequate knowledge for configuration of devices at Branch side.

4.1.30 Besides monitoring from NOC, bidder should provide Manpower for monitoring links on daily basis during Monday to Saturdays 9 A.M to 8 P.M at Bank NOC Centre as per following criteria.

Link	Minimum resource
No. of link ≤ 200	1
$200 < \text{No. of link} \leq 500$	2
More than 500 links	3

Bidder's resource is required to co-ordinate with Bank's Network System Integrator for link related efforts and issues.

The selected bidder has to adhere to the Law of the Land and Labor Law of the Government as applicable for the project. **Services may be required on Sundays/holidays also for the Branches/offices, whenever required and Support to be provided for 24X7X365.**

4.1.31 Brief roles and responsibilities of resources are as given:

- Monitor all allotted branches links with due diligence and take follow-up with their backend team for immediate restoration of all such down links as per the SLA uptime.
- Contact branches/offices/end users to understand the problem while identifying fault.
- Allocate the down-call to all concerned regional engineers for immediate action.
- Responsible for all technical issues concerning the network.
- Point of contact for all technical queries and fault resolution.
- Shall have the primary responsibility for ensuring a smooth network functioning without congestion and downtime.
- To provide all kind of SLA reports to the designated Bank team as per the schedule and as and when required by the Bank.

4.1.32 The Bidder should also ensure the availability of a dedicated Project Manager and an Alternate Project Manager. The duties and responsibilities (indicative list) would include the following:

- Responsible for the smooth project roll out.
- Single point of contact nationwide, for any project related issues.
- Single point of contact for any escalations Pan – India.
- Ensuring committed delivery on the project rollout.
- Ensuring committed delivery on the network uptime.
- Required to attend Bank NOC on all working days of the Bank and also on other days during exigencies.

4.1.33 Selected Bidder should log a call automatically in case of any issue without waiting for customer complaint and should ensure the necessary action for restoration of the same. Selected Bidder should also inform to the Bank through mail, SMS, etc.

4.1.35 Bidder's network should support Incident management: Prevention mechanism for mis-configuration, Alert mechanism should be in place for any incident occurred etc., every incident reported should be notified to Bank and documented, System should have capability to send alerts through email and SMS to respective authorities/stakeholders.

4.1.36 Bidder should have adequate field engineer for restoration of links with skilled knowledge and prior experience. Bank Branch or offices, link should not remain isolated due to the requirement of Field engineer at any point of time. There will be no engineer visit charges in any case.

4.1.37 Followings to be furnished by the successful bidder:

Reports:

- Frequent problem analysis report- Monthly
- Links for which BW utilizations is reaching threshold limit- Daily
- RCA (Root Cause Analysis) report of each and every incident- Within 3 days.
- ATR (Action Taken Report) of each and every incident- Within 3 days.
- Top 10 incidents/ alerts- Daily

Network performance:

1. Uptime/ downtime report with reasons- Daily
2. Network health check report- Weekly

3. (Mean Time between Failure) MTBF analysis.

Online dashboard:

Online dashboard that shows the health of the links. System must also trigger detailed alert SMS and e-mail to identified officials of the Bank.

1. Response time report.
2. Downtime/Uptime report on real time.
3. SLA performance report.

4.1.38 Supply, installation and configuration of WAN end point equipments such as modems, routers, last mile equipment etc. would be done by the selected bidder and co-ordination with Bank's Network SI, wherever required. IP address used on branch/office end shall remain same as per the existing schema implemented in Bank at all the branches/offices. The same shall be shared to the successful bidder during implementation.

4.1.39 The Routers will be provided by the Bank in Bank's Premises. Bidder should terminate link in Bank existing router Ethernet interface.

4.1.40 The bidder shall keep the price valid for entire contract period from the date of issuance of LOI (Letter of Intent). Bank may procure additional links during the period, Bank reserves the right to place an order for additional of **up to 25% (Twenty Five percent)** of the projected no. of branches with the bidder/s at the discovered price, terms and conditions during the contract period. Any decision of Bank in this regard shall be final, conclusive and binding on the selected bidder.

4.1.41 The proposed network by the bidder should support:

- a) All web and client-server based application
- b) Video Conferencing
- c) Voice over IP (VOIP)
- d) End to end QOS
- e) IPsec

4.1.42 The VPN should support any to any connectivity and should be a closed user group for Bank and should not have any physical and logical interference with other customers of the Internet route/traffic.

4.1.43 The architecture used for the complete solution should be end to end enabled with layer-3 routing domain (end to end transparent layer-3 routing using static and dynamic routing). Additionally, the bidder shall ensure that there shall not be any restriction on the number of routes that

needs to be maintained on devices under the control of the bidder for all practical purposes.

- 4.1.44** The solution should provide end to end transparent data reachability, voice, video etc. (no filter of traffic from SP).
- 4.1.45** The bidder should provide Ethernet connectivity over RJ45 interface to connect Bank's branch router to the network as well as at data centers also. Cables with required interfaces have to be arranged by the selected bidder.
- 4.1.46** Bidder has to replace/repair faulty/damaged equipment at the bidder's own cost, irrespective of the reason of fault/damage within the SLA time limit, during the contract period. However, the "force majeure" clauses will apply. In any case, the bidder will have to arrange for replacement of the faulty/defective equipment at the earliest. External antennas should have proper lightning conductors, wherever necessary.
- 4.1.47** During the contract period, the Bank reserves the right to add/upgrade/replace/move any or all hardware components installed at the specified locations. In such eventuality, the bidder shall be obliged to carryout necessary activities for facilitating such operations (if required) as advised by the Bank from time to time, at no extra cost to the Bank.
- 4.1.48** Audit: Bank and/or third party consultants hired by Bank should have rights to audit/review the whole setup of the bidder catering to Bank's application. The Bidder should provide proper access to the documents required by the auditors. The Bidder shall at all times whenever required furnish all information, records, data stored in whatsoever form to inspecting auditors of the Bank and extend full cooperation in carrying out of such inspection. The bank has reserves the right to call for any material information/report etc.
- 4.1.49** Bidder shall meet all the Govt. or other Regulatory directions/requirements and ensure its compliance.
- 4.1.50** The bidder shall ensure multicast support in their MPLS network (regardless of the multicast types such as dense mode, sparse mode etc.) at no additional cost to the Bank.
- 4.1.51** The connectivity should be capable of provide end to end Quality of Service (QoS) for critical applications.

- 4.1.52** The connectivity should be capable of providing End to end differentiated services code point (DSCP) and class of service (CoS) continuation.
- 4.1.53** Bidder should use Simple Network Management Protocol version 1 & 2 (SNMP v1, v2 & v3) managed devices for end to end communication from the branch to data centre of Bank for the proposed wireless solution
- 4.1.54** Bidder's network should support dynamic routing protocols like Open Shortest Path First (OSPF), Border Gateway Protocol (BGP) etc.
- 4.1.55** The bidder should be able to change the routing protocol in their MPLS network cloud without any hiccups i.e. branch to DC or DR site and vice versa.
- 4.1.56** Bidder's network should support access control list (ACL) Support, SNMP v1 & v2 support Network Time Protocol Version 4 (NTPv4), Syslog, Ping, Trivial File Transfer Protocol (TFTP), Secure Shell version 2 (SSHv2) and Internet Protocol version 6 (IPv6) support etc.
- 4.1.57** Bidders shall setup weekly meeting with bank officials till Project rollout or implementation. After implementation of complete solution, bidder has to ensure monthly review meeting with bank officials. Bidder has to ensure the monthly meeting should be attended by National level officials from bidders end.
- 4.1.58** The proposed solution should be IPv4 and IPv6 compliant.
- 4.1.59** Based on the requirements of the bank the Bidder(s) should migrate the network to IPV6 without any additional charges.
- 4.1.60** Network devices should be updated with latest firmware and security patches.
- 4.1.61** Bidders network equipments used in Bank's network are to be upgraded time to time to avoid any potential threats in the network with no additional cost to the bank, Process for performing update should be maintained and approved by Bank.
- 4.1.62** In case of radio frequency (RF) connectivity, bidder may provide point to point or point to multi point connectivity provided it adheres to the terms and conditions mentioned in the RFP, like committed bandwidth, security parameters etc.

- 4.1.63** Security being prime concern, Solution should not breach the security of any installations of Bank in any way.
- 4.1.64** The bidder should provide all security measures for bank's MPLS VPN network which should prevent against all kind of attacks like malware attacks, DDOS, IP spoofing etc.
- 4.1.65** In future, bank may carry out design modification and/or application addition to the bank network, including modification for the security policy implementation. Accordingly vendor should carry out necessary configuration changes in the MPLS network, as advised by the bank time to time and no additional cost will be borne by the bank in this regard.
- 4.1.66** During the contract period, the vendor may offer Bank to upgrade the system, if better technology available at mutually agreed terms and conditions.
- 4.1.67** During the contract, if bidder upgrades its own system then connectivity should be available at DC/DR/Branches/offices without any changes at DC/DR/Branches/offices level, however, if any upgradation/changes has to be done it should be without any additional cost and with prior approval from Bank.
- 4.1.68** The bidder shall commission the link using proper tagging and labelling . The bidder shall provide necessary equipment(s) (excluding routers and switches) required for commissioning of the links at specified locations without any additional cost to the Bank.
- 4.1.69** Bank will only provide Rack space, required earthing voltage and UPS Power supply for installation or commissioning of required links in branches/offices. All other required infra should be arranged by bidder at no extra cost to Bank. Bank will not take any responsibility for installation of MUX/MAST/RF antenna/ Modems etc. Bidder should take adequate insurance for deploying hardware at no cost to Bank for preventing the equipment from any kind of damages.
- 4.1.70** Any damage to the network devices/spares involved in establishing the link, arising out of electrical/lighting/voltage/Earthing issues needs to be replaced by the bidder free of cost.

- 4.1.71** "Site Survey, "Installation Certificate" and "Acceptance report for successful commissioning" must be maintained by the selected bidder for future references. The formats would be finalized in consultation with the Bank. This shall be one time activity and the date of successful commissioning of link as these documents shall be considered as the billing's start date.
- 4.1.72** The successful bidder shall provide all the necessary support for facilitating in carrying out fail-over testing of the links by the Bank's network SI.
- 4.1.73** The successful bidder shall provide update on the work-in-progress with regard to the commissioning of each and every link post the issuance of PO/LOI on a weekly basis so that the Bank has clear visibility of the work being carried out. It should, inter-alia, contain at least the following details:
Link address, proposed date of completion of commissioning, activities completed, dependency (if any), current status, reason of delay (if any).
- 4.1.74** The bidders are expected to do a site survey for feasibility and for positioning of the terminating equipment. They should clearly inform about the equipment that will be deployed with its physical, electrical and any other related information.
- 4.1.75** Bidder has to deliver the link up to the router and terminate on the required interface of branch router with prior approval from Bank and ensure connectivity as per the specifications of this RFP in co-ordination with Bank's network team and network SI.
- 4.1.76** Bidder must ensure that it will use products that are intrinsically safe and are approved for use in these locations. It must adhere to Government of India safety regulation and should use earthing for all its masts.
- 4.1.77** Bidder should do all internal cabling till branch router for successful commissioning of the required MPLS link without any additional cost to the Bank. Bidder should provide all required cables for connecting the modem or any external device to Branch router for termination of link at no extra cost to the Bank. **Cabling should be done properly with dressing, any wire coming inside the premises from Antenna or any other devices should come through conduit which has to be provided by the selected bidder.**

- 4.1.78** During the tenure of the contract or till the link(s) is/are being used at the site(s), the bidder shall bear all the operational costs associated with commissioned link(s). The Bank shall pay only the fixed recurring cost and one-time shifting charges (wherever applicable) for the commissioned links.
- 4.1.79** All clearances, wherever required, in respect of the mast/pole/antenna from Landlord, any government/local/statutory bodies etc. like municipal corporations, airport authorities are the responsibilities of the Bank. However bank may seek involvement of bidder for obtaining such clearance / permission.
- 4.1.80** Bidder shall ensure that all supplied hardware, software etc. must not be End of Support / End of Service and spares/upgrades should be available for at least 5 years from date of commissioning, otherwise proper replacement without any cost to bank to be done by bidder.
- 4.1.81** The network equipment shall support Packet Filtering, TCP spoofing, IPv4 & IPv6 both, QoS on both inbound and outbound traffic and other industry standard protocol.
- 4.1.82** Dedicated IP addressing scheme for WAN link will be provided by the Bank. Required connections to terminating the link on Router/Switch (provided by the Bank) should be done by bidder. After installation of network equipment at branches bidder has to ensure that banks application are working properly.
- 4.1.83** In future, if the bidder gets involved in Regulatory issues / Licensing issue with any Govt/Law enforcing agency/ Regulatory authorities, it is the responsibility of Bidder to replace / substitute the wire/wireless Technology at no additional cost to the Bank without compromising SLA and security.
- 4.1.84** The bidder shall provide a high level network design document capturing CPE details, PoP details including interface/port (on which the link shall be terminated), CoS/QoS details etc. for providing connectivity between each of the office/branch. This document needs to be submitted by the bidder within 1 month of issuance of the Lol/PO and should be updated from time to time as and when there is any change in the network/details captured in the document.
- 4.1.85** The bidder has to maintain proper documentation having correct and latest information on network architecture such as logical & physical setup for each location, master database of all the sites along with inventory of

links (from/to location details), bandwidth details, physical ports on which the link has been terminated, circuit ID, IP addresses, register containing incident and their resolution details etc. at a central location throughout the currency of the contract. Additionally, bidder shall maintain duly signed copies of certificates/reports such as "Site Survey", "Installation Certificate", "In Operations Certificate", "Acceptance report for successful commissioning" etc. with themselves for future references. Such documentation in the format prescribed by the Bank shall be provided to the Bank/SI on regular basis and/or on demand.

- 4.1.86** The bidder shall have robust, resilient and redundant network architecture with built-in redundancy at various levels including at network component level, site level etc. The bidder shall provide their Disaster Recovery (DR) and Business Continuity Plan (BCP) specific to the Bank detailing as to how the connectivity and other allied services as specified in this document shall be provided to the Bank seamlessly even in event of a disaster in their network and/or their NOC. Additionally, the bidder shall provide extra support and cooperation during the Bank's DR drills/exercises (if required).
- 4.1.87** The bidder shall be equipped with the followings to deal with exigencies :
- ✓ Proactive Disaster Risk reduction measures.
 - ✓ Meticulous preparedness: Availability of spares & Manpower deployment.
 - ✓ Disaster resilient sound framework with effective response.
 - ✓ SOP (Standard Operating Procedure) for such situations.
- 4.1.88** The bidder shall confirm in writing that all the MPLS PoPs, on which the MPLS links have been terminated, have redundancy at various levels including equipment-level, link-level, power-level, and path-level.
- 4.1.89** The bidder shall ensure network performance optimization (in terms of network latency, packet loss, jitters, bandwidth etc.) including enhancements in CoS/QoS as per the requirements of the Bank. By Optimization the Bank intends that the Bidder should perform network optimization to boost network efficiency without acquiring additional or expensive hardware or software at the customer premises (i.e. optimization to be achieved through configurational changes to the extent possible or as a part of successful bidder's infrastructure upgrade).
- 4.1.90** Bank, at its discretion, may surrender any link at any location at any time by giving the bidder a notice period of 30 days.

- 4.1.91** The Bank reserves the right to place Purchase Order (PO) for lesser number of links than the number of links/locations specified in this of RFP document. Also, the Bank may issue multiple POs during the contract period.
- 4.1.92** The bidder shall perform various activities to maintain the quality of the services being provided to the Bank at its own cost. The quality management activities include:
- a. Reduction in the effort required for incident management.
 - b. Prediction of network problems based on the inputs/feedback being received from the Bank/NL with impact on different branches/offices.
 - c. Building a system to tackle service outages in an effective and efficient manner.
 - d. Identification of areas with frequent problems and formulate strategies to overcome the same.
 - e. The Bank reserves the right to amend the above mentioned activities or include new activities at its discretion during the currency of the contract.
- 4.1.93** Bidder has to carry out Preventive maintenance of each site in every quarter, Preventive maintenance at any location should be done only with prior concurrence of the bank. The preventive maintenance report which should be properly sealed and signed by concerned branch officials along with dates and any remarks. These reports should be submitted during the Invoice submission for claiming the payment for every quarter. In absence of the Preventive maintenance report, the payment may not be released for that particular site.
- 4.1.94** Bidder should provide one week minimum advance intimation to bank designated team for carrying out any maintenance activity in bidder's network. Such activity should not be more than 3 hours on single occasion and bidder should ensure such activity should be carried out during lean business hours preferably between 01.00 AM to 04.00AM without impacting bank's business. Two activities in a year would be permitted by bank with a duration of one hour. Bidder should ensure availability of network after the completion of maintenance activity for all branches and offices. After completion of the activity bidder has to submit the activity report to bank designated team, such reports should state the availability of network for bank branches and offices.

For category A link

- 4.2.1** Latency should not be more than 75 ms (End to End i.e. Branch router to DC & DR router) for a 1500 byte packet size measured for a minimum of 1000 packets. Tool should be provided to bank for monitoring the same on real-time basis at no additional cost to the bank.
- 4.2.2** In case of **MPLS on wired/RF connectivity**, Bank prefers wired connectivity (fiber/copper) as last mile at branches. In case of non-feasibility of wired media, the Bank shall consider the stable wireless technology (RF) with licensed band that has been successfully implemented in private/public sector Bank/Financial Institution/ Govt. of India. Bidder has to ensure that no other Radio equipment causes interference to wireless signals or trap the wireless signals used for Bank's connectivity.
- 4.2.3** The bidders should have their own nation-wide high availability MPLS network backbone. The bidder's core MPLS backbone should be fully meshed. Bidder has to submit the declaration for this clause during bid submission.
- 4.2.4** The connectivity provided by the bidder has to be Layer 3 MPLS solution on dedicated ports with 1:1 committed information rate with end point as Ethernet.
- 4.2.5** For the pole to be installed in the branch roof top for Wireless link (RF), the height of pole should not be more than 09 meters.
- 4.2.6** The bidder will ensure that each location is within a radius of 5 kilometers from any of their BTS/Repeater Towers. However, for flatland rural areas, the radius may be extended up to 10 kilometers. Such BTS/Repeater should be in line of sight of Bank's location.
- 4.2.7** Pole/Tower removal, in case of shifting of branch or termination of link has to be done by Bidder without any additional cost to the Bank.
- 4.2.8** In case of Pole/Tower fell down due to natural calamity, removal and reinstallation of Pole/Tower has to be done by Bidder without any additional cost to the Bank.
- 4.2.9** Minimum bandwidth for MPLS on wired/RF connectivity at last mile should be 2048 Kbps in full duplex for branches.
- 4.2.10** Average end to end packet loss should not be more than 10 in 1,000 for wireless connectivity with IMIX packets measured for a minimum of 1000 packets.

- 4.2.11** Average Jitter of the connectivity should be less than 45ms measured for a minimum 1000 packets.
- 4.2.12** The MTU (maximum transmission unit) size should be 1500 bytes.
- 4.2.13** In case of shifting of a branch to new location where feasibility on wired/RF is not available then some alternate arrangement like 4G/5G or any other connectivity should be made available to that branch by the bidder itself. The rates of alternate connectivity shall be applicable as per RFP norms. However, before providing connectivity over other technologies (i.e. apart from wired/RF) bidder need to take prior approval from Bank.
- 4.2.14** Bidder shall provide, without any additional cost to the Bank, adequate protection for the masts/pole/antenna like Platform Snow Shield/ other obstructions wherever necessary, to prevent disturbances to the alignment causing communications failure. Any other equipment which are not mentioned in this RFP but are required for making the branch/ office live on the network via wired/wireless link shall be provided by the selected bidder at no extra cost to the Bank.

FOR CATEGORY B LINK

- 4.3.1** Latency should not be more than 100 ms (End to End i.e. Branch router to DC & DR router) for a 1500 byte packet size measured for a minimum of 1000 packets. Tool should be provided to bank for monitoring the same on real-time basis at no additional cost to the bank.
- 4.3.2** Minimum band width for 4G/5G as last mile should be 2048 Kbps full duplex for branches.
- 4.3.3** MPLS link on 4G/5G should be configured in active-active or active-passive mode with auto failover mechanism with the existing BSNL/MTNL/Sify/JIO/Airtel/Other MPLS link at branches/offices.
- 4.3.4** The proposed solution must be capable to eliminate the building penetration losses and indoor propagation losses resulting in significantly higher signal strength and high throughputs for the users.
- 4.3.5** Auto failover configuration will be done at router level by the Bank however, bidder should support the same. Bidder should complete feasibility as per annexure – V.

4.3.6 The bidder should ensure that the proposed solution complying with following security aspects:

- For the connectivity of Branches to Bank's network where no other options are available for secondary link, SIM(GSM) based option to be provided keeping the following security steps: -
 - Mobile Network based Wireless (GSM) MPLS VPN connection / solution should have strong password protection.
 - Static Private IP: The Mobile Network based Wireless (GSM) MPLS VPN connection / solution should have static Private IP. Bidder shall also ensure that the IP addresses used shall not clash with Bank's IP addresses that are already in use. The successful bidder shall ensure that the address space between two nonintersecting VPNs of an MPLS VPN service is entirely independent of each other. For instance:
 - a. Any VPN must be able to use the same address space as any other VPN.
 - b. Any VPN must be able to use the same address space as the MPLS core.
 - c. Routing between any two VPNs must be independent.
 - d. Routing between any VPN and the core must be independent.
- Non-Internet: The Mobile Network based Wireless (GSM) MPLS VPN connection / solution should not be accessible/open to Internet at any point.
- No Voice and No SMS Service: The network should not be voice or SMS enabled.
- No VAS : Value Added Services features should be barred in this solution.
- IPSEC: Security features of IPSEC should be available & configured for the end-to-end encryption.
- Primary Link and Secondary Link should not be in the same end point device.
- Log Maintenance: Record / Reports should be available for auditing.
- Only Bank's authorized and approved APN should be configured.
- The device should not be able to connect any other network or service (including WIFI or WIFI hotspot) except Bank's permitted network / system.
- The protection against "Man -in-the Middle " compromise (between the Bank's Network/system and operators' network) should be available
- The Network equipment should be in a locked condition or with restricted access.

- The Selected bidder shall address basic security concerns and incorporate security processes such as securing network against unauthorized access, misconfigurations of the core and internal attacks.
- Selected Bidder shall ensure that at no stage during the concurrency of the contract period none of the network security principles i.e. confidentiality integrity availability of the Bank's traffic get compromised.
- Selected Bidder shall ensure seamless IPsec traffic over MPLS network.
- The Selected Bidder shall ensure logical separation/insulation between multiple customers meeting at the Provider Edge (PE) network element. The Selected Bidder shall ensure that every PE router maintains a separate Virtual Routing and Forwarding instance (VRF) for each connected VPN i.e. each VRF on the PE router is populated with routes from one VPN.
- The Selected Bidder shall comply with Bank's IS Security policy relevant to the scope of services (work) provided to the Bank. The bank reserves the right to expand the scope of compliance by successful bidder at any point of time during the currency of the contract.

4.3.7 HARDWARE SPECIFICATIONS :

SIM Slots	Single/Dual based
4G LTE Modem or 4G & 5G support modem (for dual based SIM)	Active (for single SIM) 2 – Active / Active (For dual SIM)
LTE Band	FDD- Bands 1/3/5/7/8/20 TDD- Bands 38/39/40/41
GSM/EDGE/WCDMA Band	DC-HSPA+/HSPA+/HSPA/UMTS: Bands 1/5/8/9 TD-SCDMA: Bands 34/39 GSM/GPRS/EDGE: 1800 MHz/900 MHz
WAN & LAN Interface	3* GE Configurable (WAN+LAN)
External Antenna	> 3dBi to 109dBi
MiMo / Diversity	Yes
Input voltage (DC)	12V DC
Max. power	<24W
Operating Temperature	-20°C to +60°C
Other Features	IP 67 Rated
	FGI Split bit supported

4.3.8 SOFTWARE SPECIFICATIONS:

<i>Basic functions</i>	DNS/DDNS, DHCP, ICMP,NAT, PPPoE, PAP, CHAP, Loopback interface, Bridge /Static / Dynamic Routing Support, MPLS, QOS,GRE
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<i>4G/5G function</i>	4G/5G Band Selection, Dual APN supported , APN Manual Configuration
<i>Zero Touch Provision</i>	Pre-Configuration
<i>Routing Protocol</i>	Static routing, VRF, Policy Based Routing, Interface Routing, ECMP Routing, IPv4 dynamic routing protocols: RIP v1/v2, OSPFv2, BGP v4, IPv6 dynamic routing protocols: RIPng, OSPFv3, BGP, Bidirectional Forwarding Detection (BFD),Dual Stack IPv4/v6 supported.
<i>Link Failover (Preferred)</i>	IP Reachability, Script Based
<i>Security Functions</i>	State full filtering, Source and destination NAT, Filtering by IP address and address range, port and port range, IP protocol, DSCP etc, Internal connection, routing and packet marks, Address lists, RAW filtering to bypass connection tracking.MAC Address Filtering, MAC Binding, Radius Support
<i>VPN Function</i>	IPSec, IKEv2 support, Tunneling Protocols (Open VPN, PPTP, PPPoE, L2TP, SSTP), Advanced PPP features (MLPPP, BCP), Simple tunnels (IPIP, EoIP) IPv4 andIPv6 support. VLAN, MPLS based VPNs
<i>Encryption</i>	DES,3DES, AES, MD5,SHA,GCM, Blowfish, Twofish, Camellia
<i>Bridge mode</i>	In-Path
<i>Diagnosis Tool</i>	Ping, Traceroute, Bandwidth Test, Ping Flood, Packet Sniffer, Traffic Generator, File Fetch, Telnet, SSH, Web GUI

4.3.9 COST OF SPARE PARTS:

For both the categories (A & B), bidders need to submit the cost of spares, installation, de-installation, shifting and any other applicable charges as per the table – C in annexure – T which Bank may incur during the contract after link is successfully commissioned. Any item which bidder overlooks to mention in the commercial shall be provided to Bank without any cost.

PART-V

1. ORDER DETAILS

The purchase order will be placed by the Bank from its Head Office, DIT in the name of selected bidder(s) as per requirement. The payment will be made by Head Office, DIT and the Performance Bank Guarantee for each order will be required to be submitted in the same office. The purchase order will be placed to the selected bidder of different categories in following manner:

CATEGORY – A

- I. For common feasible sites in between L1 & L2 bidders under category A link, the order for links will be distributed amongst L1 & L2 in a ratio of **60:40**, provided that L2 bidder matches the cost of link as of L1.
- II. For exclusive feasible sites declared by L1 & L2 bidders under category A link, the order for links will be placed with the respective bidder, provided that L2 bidder matches the cost of link as of L1.
- III. In case L1 bidder is not in a position to deliver ordered feasible link as per the feasibility report submitted at the time of bid submission at the specified locations on wired or on stable wireless RF as last mile, site(s) will be offered to L2. Bank will impose the penalty equal to 100% of annual rental for each such location on L1. Further, Cancelling and shifting of order from L1 to L2 under such condition will not be considered under the distribution of order in 60:40. And feasibility of offered site should be submitted to Bank within 10 working days, otherwise, Bank may cancel the offer.
- IV. In case L2 bidder is not in a position to deliver ordered feasible link as per the feasibility report submitted at the time of bid submission at the specified locations on wired or on stable wireless RF as last mile, site(s) will be offered to L1. Bank will impose the penalty equal to 100% of annual rental for each such location on L2. Further, Cancelling and shifting of order from L2 to L1 under such condition will not be considered under the distribution of order in 60:40. And feasibility of offered site should be submitted to Bank within 10 working days, otherwise, Bank may cancel the offer.
- V. Exclusive Sites which are declared not feasible by L1 & L2 but feasible by L3 will be offered to the respective bidder, provided that L3 matches the cost of link as of L1.
- VI. Further, sites which in case L1 & L2 bidder will not be in a position to deliver ordered feasible link as per the feasibility report submitted at the time of bid submission at the specified locations on wired or on stable wireless RF as last mile site(s) will be offered to L3, no penalty will be applicable in case of non-

feasibility by L3. Feasibility of offered site should be submitted to Bank within 10 working days, otherwise, Bank may cancel the offer.

- VII.** Sites where no bidder is feasible or not able to provide Category A links, then Bank will place order to L1 bidder of Category B links for such locations, where they are feasible.

CATEGORY – B

- I.** For common feasible sites in between L1 & L2 bidders under category A link, the order for links will distributed among L1 & L2 in a ratio of **60:40**, provided that L2 bidder matches the cost of link as of L1.
- II.** For exclusive feasible sites declared by L1 & L2 bidders under category A link, the order for links will placed with the respective bidder, provided that L2 bidder matches the cost of link as of L1.
- III.** In case L1 bidder will not be in a position to deliver ordered feasible link as per the feasibility report submitted at the time of bid submission at the specified locations on wired or on stable wireless RF as last mile, site(s) will be offered to L2. Bank will impose the penalty equal to 100% of annual rental for each such location. Further, Cancelling and shifting of order from L1 to L2 under such condition will not be considered under the distribution of order in 60:40. Feasibility of offered site should be submitted to Bank within 10 working days, otherwise, Bank may cancel the offer.
- IV.** In case L2 bidder will not be in a position to deliver ordered feasible link as per the feasibility report submitted at the time of bid submission at the specified locations on wired or on stable wireless RF as last mile, site(s) will be offered to L1. Bank will impose the penalty equal to 100% of annual rental for each such location. Further, Cancelling and shifting of order from L2 to L1 under such condition will not be considered under the distribution of order in 60:40. Feasibility of offered site should be submitted to Bank within 10 working days, otherwise, Bank may cancel the offer.
- V.** Penalty imposed as mentioned above shall be considered for reasons attributed by the bidder. If reasons attributed are under Bank's purview, penalty will not be imposed.

Other terms for placing order (Category A & B):

- I.** If L2 does not match the price of L1 but L3 bidder matches the link price as of L1, then order will be distributed between L1 & L3 as per the above clauses.
- II.** Order for backhaul bandwidth for Category A or B links will be placed based on requirement as mentioned above for Category A or B links provided by bidder(s) on pro rata basis.

- III. For remaining links which could not be commissioned due to service providers dependency, bank may also approach to other feasible bidder subject to requirement and match with the price of L1 as per RFP Terms.
- IV. If any new links or requirement of link at shifted location which is declared/ reported non-feasible by existing service provider, in such cases, bank may take services of other bidders (L2/L3 and so on) subject to matching the L1 price at shifted locations. Such requirements will be sent to vendors (L2/ L3 and so on) with condition to match L1 price. And if agreed, the vendor has to convey and acknowledge the acceptance of such requirements with L1 price within week time else offer will be cancelled and pass on to next service provider. All terms and conditions will be as per this RFP process. Even After, if the link is not commissioned then link shall be procured as per extant procurement guidelines.
- The bidder shall execute a Service Level Agreement (SLA), which must include all the services and terms and conditions of the services to be extended as detailed herein, and as may be prescribed or recommended. If there is any ambiguity between any clause in the SLA and any clause specified in the RFP, the order of priority of documents in resolving such ambiguity shall be as follows:
 - a. RFP and its addendum/corrigendum
 - b. The Service Level Agreement (along with Appendix /Schedules)
 - c. Purchase Order (PO)
 - The bidder shall execute Following documents as per below given chronology:
 - a) Letter of Intent (Shall be issued by Bank)
 - b) Bank Guarantee
 - c) Service Level Agreement (SLA), which must include all the services and terms and conditions of the services to be extended as detailed herein, and as may be prescribed or recommended.
 - d) Deed of Indemnity (Along with SLA)
 - e) Non-Disclosure Agreement (Along with SLA)
 - f) Purchase Order (Shall be issued by Bank)

2. INSTALLATION AND COMMISSIONING

Bidder has to commission the Backhaul links at DC and DR within **2 weeks** and all other links as per table given below from the date of acceptance of purchase order. In short, the **entire project shall be implemented as per the table given below from the date of LOI (Letter of Intent)**. Order will be deemed accepted from 7th day of LOI, in case vendor do not convey formal acceptance to Bank.

Ordered Link of any Category	Installation & Commissioning Period
Between 50 to 300	Within 4 Weeks
Between 301 to 600	Within 8 Weeks
More than 600	Within 12 Weeks

If the site is not ready due to reasons attributed to the Bank, no penalty will be levied by the Bank.

3. SHIFTING OF LINK

Bank may place order with the bidder for shifting of link at anywhere in India during the contract period. Shifting activity of link will include dismantling & shifting of network equipment related for the link and re-commissioning of network link at new location. Shifting of link to be completed within 2 weeks from date of PO for shifting the link. However, no payment will be given for the shifting of network devices in the same premises.

4. SCHEDULE OF DELIVERY

The selected bidder to ensure to deliver the required links to the no of branches as per the 'Scope of Work' mentioned herein above. If bidder fails to deliver the site within the stipulated time frame, Bank reserves the right to cancel the order and get it executed by other selected bidder.

5. SLA FOR NETWORK

The table below specifies the end-to-end link uptime matrix.

Sl. No.	Link category	CAT A Uptime (24X7 basis)	CAT B Uptime (24X7 basis)
1	DC DR Link	99.9%	99.9%
2	Metro, Urban, Semi Urban Area Links	99.5%	98.0%
3	Rural Link	98.0%	97.0%

The round trip delay of the network at any time should not be more than 100 msec (average) for Category A & B with 50% link utilization and packet drop should be less than 0.1%. In case of high latency, it will be responsibility of the Bidder to rectify the latency either by replacing the devices/accessories or by other similar measures to contain latency within the stipulated limits.

As business critical applications will be running on the Bank's Network, any extended downtime will severely affect Bank's business causing substantial

financial and reputation loss. Therefore, to avoid such losses, the successful bidder should take adequate steps to deliver the desired uptime.

The Bank will have periodical review of the availability/performance of links. If the links are down continuously for a longer time or non-fulfilment of various parameters in functioning of links, the bank may terminate the contract fully or partly, if required.

6. ACCEPTANCE TESTING

The Bank will carry out the acceptance tests within 15 days of link handover for testing of successfully integration of MPLS on Wired/RF & 4G/5G with Bank's network as per scope of work in Part IV. The Vendor shall assist the Bank in all acceptance tests to be carried out by the Bank. The provisioned items will be deemed accepted only on successful acceptance of those products and the vendor would need to provision insurance of those items till successful acceptance. The Bank at its discretion may modify, add or amend the acceptance tests which then will have to be included by the vendor. The Vendor shall arrange for the tests at the relevant sites in the presence of the officials of the Bank. The Vendor should ensure that the tests will involve trouble-free operation of the complete system apart from physical verification and testing and that there shall not be any additional charges payable by the Bank for carrying out this acceptance test.

In case of any discrepancy, the Bank reserve the right to terminate the entire agreement in case the bidder does not rectify the issue and the bidder shall take back bidder equipment (if any) at bidder's costs and risks. The Bank has the right to reject the 'Vendor Supplied Link' and to seek free replacement of the link till the completion of acceptance test and obtaining final acceptance certificate from the Bank.

7. PAYMENT AGAINST DELIVERY OF SLAs :

Bank will pay charges on per site basis depending upon the achievement of uptime for any type of link. However, Bank issues will be exempted from calculating the uptime.

Category – A

Uptime	% payment of link	Uptime	% of payment of link	Uptime	% of payment of link
Backhaul link		Metro, Urban, Semi Urban Area Links		Rural Link	

99.90% or more	100%	99.50% or more	100%	98.00% or more	100%
>99.70% to ≤99.89%	90%	>99.00% to ≤99.49%	90%	>96.00% to ≤97.99%	90%
>99.50% to ≤99.70%	80%	>98.00% to ≤98.99%	80%	>94.00% to ≤95.99%	80%
>99.30% to ≤99.50%	70%	>97.00% to ≤97.99%	70%	>92.00% to ≤93.99%	70%
>99.00% to ≤99.30%	60%	>95.00% to ≤96.99%	60%	>90.00% to ≤91.99%	60%
Less than 99.00%	Nil	Less than 95.00%	Nil	Less than 90%	Nil

Category - B

Uptime	% payment of link	Uptime	% of payment of link	Uptime	% of payment of link
Backhaul link		Metro, Urban, Semi Urban Area Links		Rural Link	
99.90% or more	100%	98.00% or more	100%	97.00% or more	100%
>99.70% to ≤99.89%	90%	>97.00% to ≤97.99%	90%	>96.00% to ≤96.99%	90%
>99.50% to ≤99.70%	80%	>96.00% to ≤97.00%	80%	>95.00% to ≤96.00%	80%
>99.30% to ≤99.50%	70%	>95.00% to ≤96.00%	70%	>94.00% to ≤95.00%	70%
>99.00% to ≤99.30%	60%	>94.00% to ≤95.00%	60%	>93.00% to ≤94.00%	60%
Less than 99.00%	Nil	Less than 94.00%	Nil	Less than 93.00%	Nil

There should have no unplanned downtime of more than 30 minutes during the peak business period (9 AM to 9 PM) and more than one hour during non-business hours.

Calculation of uptime will be monthly basis as per following criteria.

$$\% \text{ of uptime} = \frac{[\text{Total Business hours (24X7 basis) in month} - \text{Total downtime during business hours (24X7 basis) in month}] \times 100}{[\text{Total Business hours (24X7 basis) in month}]}$$

Bank may monitor the links by its own tool for uptime along with bidder. In case of difference in uptime, Bank may consider the payment based on report generated by Bank's tool, if bidder is unable to justify the difference. Penalty for downtime, if any, will be calculated on monthly basis and will be deducted in the quarterly payment.

Following will be excluded while calculating the down time:

- a. Down time due to Bank issues.
 - b. Schedule down time for maintenance activity.
(Bidder need to inform to the Bank at least a week before for the schedule down time and for urgent situation at least 24 hours before,)
 - c. Down time due to force measure like Earth quake, Natural calamities, Riots and major power outage.
- If the network response is not as per SLA, the same will be treated as link down and penalty will be applied as mentioned above.
 - **FAILURE TO PROVIDE ONSITE SUPPORT:** In the event that the onsite engineer is absent/on leave on any bank working days, it's the bidder's duty to arrange for an alternate engineer to report for duty until the engineer returns back, else penalty of Rs.1000/- per day shall be levied for the period of absence and will be deducted from the quarterly charge payable to the bidder. Wherever such absence extends beyond 10 consecutive working days the same will get treated as a material breach of contract.

8. SUB-CONTRACTING

As per scope of this RFP, sub-contracting is not permitted.

9. ADOPTION OF INTEGRITY PACT

UCO Bank has adopted practice of Integrity Pact (IP) as per CVC guidelines. The Integrity Pact essentially envisages an agreement between the prospective vendors / bidders / sellers, who commit themselves to Integrity Pact (IP) with the Bank, would be considered competent to participate in the bidding process. In other words, entering into this pact would be the preliminary qualification. In case of bids for the purchase of Goods, Services, and Consultancy etc. not accompanied with signed IP by the bidders along with the technical bid, the offers shall be summarily rejected. The essential ingredients of the Pact include:

- i. Promise on the part of the principal not to seek or accept any benefit, which is not legally available.
- ii. Principal to treat all bidders with equity and reason
- iii. Promise on the part of bidders not to offer any benefit to the employees of the Principal not available legally
- iv. Bidders not to enter into any undisclosed agreement or understanding with other bidders with respect to prices, specifications, certifications, subsidiary contract etc.
- v. Bidders not to pass any information provided by the Principal as part of business relationship to others and not to commit any offence under PC/IPC Act.

- vi. Foreign bidders to disclose the name and address of agents and representatives in India and Indian Bidders to disclose their foreign principals or associates.
- vii. Bidders to disclose any transgressions with any other company that may impinge on the anti-corruption principle.

Integrity Pact, in respect of a particular contract, shall be operative from the date IP is signed by both the parties till the final completion of the contract. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings. IP shall cover all phases of contract i.e. from the stage of Notice Inviting Tenders (NIT)/Request for Proposals (RFP) till the conclusion of the contract i.e. final payment or the duration of warrantee/guarantee. Format of IP is attached as **Annexure – M** for strict compliance.

All pages of Integrity Pact (IP) must be signed and stamped. Integrity Pact (IP) should be deposited with Procurement or concerned Department undertaken procurement at the address mentioned along with RFP document.

10. PRELIMINARY SCRUTINY

UCO Bank will scrutinize the offers to determine whether they are complete, whether any errors have been made in the offer, whether required technical documentation has been furnished, whether the documents have been properly signed, and whether all the necessary information supported by documentary evidences are submitted as per prescribed method. Offers not meeting the prescribed guidelines and or with incorrect information or not supported by documentary evidence, wherever called for, would summarily be rejected. However, UCO Bank, at its sole discretion, may waive any minor non-conformity or any minor irregularity in an offer. UCO Bank reserves the right for such waivers and this shall be binding on all vendors.

11. SINGLE POINT OF CONTACT

The selected bidder shall appoint a single point of contact, with whom Bank will deal, for any activity pertaining to the requirements of this RFP. The selected Bidder shall provide support services which include installation of servers by providing onsite support on next business day, response and resolution at Kolkata during contract period after the acceptance of the hardware and software. In case of any failure of Hard Disk or any other components during the warranty period then the Bidder shall replace such components immediately.

12. INDEPENDENT EXTERNAL MONITOR (S)

The following Independent External Monitors (IEMs) have been appointed by UCO Bank, who will review independently and objectively, whether and to what extent parties have complied with their obligation under the pact.

- i. Shri S. R. Raman
1A-121, Kalpataru Gardens
Near East-West Flyover
Kandivali East, Mumbai - 400101
E-mail:- raman1952@gmail.com
- ii. Ms. Vijayalakshmi R Iyer
Flat No. – 1402, Barberry Towers,
Nahar Amrit Shakti,
Chandivali, Powai, Mumbai – 400072
E-mail:- vriyer1955@gmail.com

- a. The Bank has appointed Independent Monitors (hereinafter referred to as Monitors) for the Integrity Pact in consultation with the Central Vigilance Commission (Names and Addresses of the Monitors given in the Pre Contract Integrity Pact to be submitted by the bidder as per Annexure – M.
- b. The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.
- c. The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.
- d. Both the parties accept that the Monitors have the right to access all the documents relating to the project/procurement, including minutes of meetings.
- e. As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the BUYER.
- f. The bidder (s) accepts that the Monitor has the right to access without restriction to all Project documentation of the BUYER including that provided by the BIDDER. The BIDDER will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to subcontractors. The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER/Subcontractor(s) with confidentiality.
- g. The BUYER will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the parties/The parties will offer to the Monitor the option to participate in such meetings.
- h. The Monitor will submit a written report to the designated Authority of Bank within 8 to 10 weeks from the date of reference or intimation to him by the Bank and should the occasion arise, submit proposals for correcting problematic situations.

13. LIQUIDATED DAMAGE

Any delay in commissioning/shifting of the link beyond the stipulated time period as per the clause of – Installation and Commissioning, Bank will charge penalty at 1 % of the order value for that link (link by link basis) per week or part thereof, subject to a maximum of 10% of the order value of that link excluding GST and other applicable taxes (if any). The Bank may at its discretion also waive or reduce the penalty if the reasons for delay are considered to be justified.

After elapsing of stipulated time period including 10 Weeks Liquidated damages period, if selected bidder fails to implement any or all MPLS links in sites, the order for such links will be deemed cancelled after imposing one-year rental cost of said link as penalty amount. Subsequently Bank will place the order to any other

selected bidder. The LD/penalty amount will be deducted from payment of other link or from Performance Bank Guarantee.

In no case change of category of link or type of media will be accepted. If the link is not commissioned / delayed commissioned, due to landlord permission issue for installation of outdoor unit or any other genuine reasons, then the LD will not be applicable. Respective Branch/office report will be final in this case.

Bank will take necessary landlord permission (if required) for installation of outdoor unit. Bidder should co-ordinate / liaison with landlord in the matter of obtaining permission.

Please note that the above LD for delay in delivery and delay in commissioning are independent of each other and shall be levied as the case may be. BANK reserves its right to recover these amounts by any mode such as adjusting from any payments to be made by BANK to the bidder.

The time given for commissioning shall not include the time taken by the Bank for obtaining landlord permission for installation of RF tower/pole or time taken due to any other dependency on the part of the Bank. In the event of such a delay due to bank dependency, Bidder shall record reasons for the delay and communicate the same to the Bank. Copy of the communication should be submitted along with the invoices for Annual Recurring Charges to claim any exemption from LD.

Bidder should provide all SLA reports (reports on parameters like packet loss, jitter, latency, availability, down-call from the commissioning date, bandwidth utilization for any duration, within the contract period, in the format desired by the Bank for calculating the LD and penalty from the system in place which will be further asked in advised format by the Bank for processing the invoices after deducting the penalty or LD amount.

14. PERFORMANCE BANK GUARANTEE

The vendor, within **15 days** from the date of LOI (letter of Intent) will have to furnish a Performance Bank Guarantee, format as per Annexure-D of the RFP, issued by any scheduled commercial bank equivalent to **10% of the total cost** of the Project (TCO)/Order value valid for **(39 months) 3 years with 3 months** additional claim period from the date of purchase order. Upon furnishing the Performance Bank Guarantee, the EMD of the vendor shall be returned.

The Performance Bank Guarantee shall act as a security deposit and either in case the vendor is unable to start the project within the stipulated time or start of the project is delayed inordinately beyond the acceptable levels or in the event

of non-performance of obligation or failure to meet terms of SLA during the contract period, the Bank shall be entitled to invoke the Performance Bank Guarantee without notice or right of demur to the Vendor. Further, the Bank reserves the right to invoke the Performance Bank Guarantee in case the vendor is not able to fulfil any or all conditions specified in the document or is unable to complete the project within the stipulated time. This is independent of the LD on Delivery and installation.

Post submission of Bank guarantee, Successful bidder need to sign the contract (SLA) and submit the same to Bank along with Deed of Indemnity, Non-disclosure agreement duly stamped, after which Bank shall issue Purchase order.

15. PRICE VALIDITY

The selected bidder will be required to keep the price valid till the contract ends. There shall be no increase in price for any reason whatsoever during the contract period.

16. PAYMENT TERMS

Bank will make the payment subject to signing of the contract as follows:

- a. The initial period will be for 3 years. However same will be further extended based on performance on mutually agreed price and terms.
- b. The selected bidder have to claim the link charges quarterly in arrears on per-link for all types of links based on the achievement of SLAs defined in the document. The selected bidder should submit the link-wise uptime achieved to enable the Bank to pay quarterly charges.
- c. If same bidder is selected in the category of A & B then separate invoices to be submitted for each categories of Links.
- d. One time cost, if any, will be paid after successful commissioning of the link and subsequent acceptance by the Bank. Bidder should raise the invoice for one time charges on monthly basis, separately.
- e. Bidder should raise invoices after deducting the applicable penalties i.e. SLA, extended, etc.
- f. The selected bidder should provide consolidated state wise invoices for each commissioned sites (in that particular State). i.e. One single invoice should be generated for each State irrespective of the number of links Bank is having in that particular State.
- g. All submitted invoices are to be supported with required documents only.
- h. All invoices should have complete details of site with respect to the claim period and plan of service, rate breakup (if any), tax breakup as well. All

invoices will be payable after deducting applicable penalty or LD amount if any.

- i. The charges per location will begin from the date of acceptance of the link.
- j. The bidder should submit the installation and commissioning certificate signed by the Bank's official certifying successful completion of installation and commissioning for the payment.

17. PAYING AUTHORITY

The payments as per the Payment Schedule covered hereinabove shall be paid by the Head Office of UCO Bank. However, Payment of the Bills would be payable, on receipt of advice/confirmation for satisfactory delivery/installation/re-installation, live running and service report from the concerned branches/ offices duly signed by the engineer and Bank official where the link has been successfully delivered.

18. CONTRACT PERIOD

The contract period will be for a period of **Three Years** from the date of Agreement (SLA). Bank reserves the right to extend the contract for a further period on mutually agreed terms and conditions.

The performance of the vendor shall be reviewed Quarterly, if not found satisfactory, Bank may terminate the contract at its sole discretion by giving three months' notice without assigning any reasons. However, bank shall pay valid payment for the services rendered till the date of termination.

Any offer falling short of the contract period is liable for rejection. The vendor however shall keep the price valid till the contract ends.

19. TAXES

- a. Bidder shall be solely liable for the payment of all taxes, duties, fines, penalties, etc., by whatever name called as may become due and payable under the local, state and/or central laws, rules and/or regulations as may be prevalent and as amended from time to time in relation to the services rendered pursuant to this agreement. The Bank may in its discretion, but without being bound to do so, make payment of Taxes, duties as aforesaid and in the event of such payment, Bank shall be entitled to deduct the payment so made from the payment due to Bidder in respect of Bills.

- b. The Bank shall not be liable nor responsible for collection and / or payment of any such taxes, duties, fines, penalties etc., by whatever name called, that are due and payable by bidder, under the local, state and/ or central laws, rules and /or regulations as may be prevalent and as amended from time to time.
- c. Nothing contained herein shall prevent the Bank from deducting taxes deductible at source as required by any law/s or regulation/s. Bidder shall be responsible to report any non-receipt of certificate of taxes deducted at source within ninety (90) days of deduction of such taxes at source by the Bank to bidder. The Bank will not issue any duplicate certificate for deduction of taxes at source unless such request is made within ninety (90) days of the closure of the financial year.
- d. Bidder shall co-operate fully in the defence of any claim/s by any local, state or union authorities against The Bank with respect to any taxes and/or duties due and payable by bidder and /or individuals assigned by bidder under this agreement. Without limiting the generality of the foregoing bidder shall upon request by The Bank, give to The Bank all documents, evidences in a form satisfactory to The Bank to defend such claim/s. Any claims filed against The Bank, the cost to be borne by the selected bidder.
- e. The payments which is/are **inclusive of GST and other taxes, fees etc.** as per the Payment Schedule covered herein above shall be paid by Department of Information Technology, UCO Bank, Head Office – Kolkata. However, Payment of the Bills would be released, on receipt of advice / confirmation for satisfactory delivery and commissioning, live running and service report etc. after deducting all penalties.
- f. The GST and other applicable taxes will be paid as per actuals at the time of billing. Bank will not be responsible for income taxes and wealth taxes that may be payable by Bidder.

20. CONFIDENTIALITY AND SECRECY

The RFP document is confidential and is not to be reproduced, transmitted, or made available by the Recipient to any other party. The RFP document is provided to the Recipient on the basis of the undertaking of confidentiality given by the Recipient to Bank. Bank may update or revise the RFP document or any part of it. The Recipient acknowledges that any such revised or amended document is received subject to the same terms and conditions as this original and subject to the same confidentiality undertaking.

The Recipient will not disclose or discuss the contents of the RFP document with any officer, employee, consultant, director, agent, or other person associated or

affiliated in any way with Bank or any of its customers, suppliers, or agents without the prior written consent of Bank.

The bidder/selected bidder must undertake that they shall hold in trust any Information received by them under the Contract/Service Level Agreement, and the strictest of confidence shall be maintained in respect of such Information. The bidder has also to agree:

- To maintain and use the Information only for the purposes of the Contract/Agreement and only as permitted by BANK;
- To only make copies as specifically authorized by the prior written consent of Bank and with the same confidential or proprietary notices as may be printed or displayed on the original;
- To restrict access and disclosure of Information to such of their employees, agents, strictly on a “need to know” basis, to maintain confidentiality of the Information disclosed to them in accordance with this Clause, and
- To treat all Information as Confidential Information.
- The selected service provider acknowledges and agrees that all tangible and intangible information obtained, developed or disclosed including all documents, data, papers, statements, any business/customer information, trade secrets and process of the UCO Bank relating to its business practices in connection with the performance of services under this Agreement or otherwise, is deemed by the UCO Bank and shall be considered to be confidential and proprietary information (“Confidential Information”), solely of the UCO Bank and shall not be used/disclosed to anybody in any manner except with the written consent of The UCO Bank.
- The selected service provider shall ensure that the same is not used or permitted to be used in any manner incompatible or inconsistent with that authorized by the UCO Bank. The Confidential Information will be safeguarded and the selected service provider will take all necessary action to protect it against misuse, loss, destruction, alterations or deletions thereof.
- **Conflict of interest:** The Vendor shall disclose to BANK in writing, all actual and potential conflicts of interest that exist, arise or may arise (either for the Vendor or the Bidder's team) in the course of performing the Service(s) as soon as practical after it becomes aware of that conflict.

The successful Bidder is required to execute a Non-Disclosure Agreement to the bank as per bank's format before or at the time of execution of the Service Level Agreement

21. DELAYS IN THE BIDDER'S PERFORMANCE

- a. Delivery of the services by the Successful Bidder shall be strictly in accordance with the Scope of work (SOW) & Service Level Agreement (SLA) prescribed by the Bank. Time is of the essence of Contract.
- b. If at any time during the performance of the Contract, the Successful Bidder encounters conditions/situations impeding timely delivery of services, the Successful Bidder shall promptly notify the Bank in writing of the fact of the delay, its likely duration and the cause(s) thereof. After receipt of the Successful Bidder's notice, the Bank shall at the earliest evaluate the condition/ situation, and consider, extending the Successful Bidder's time for performance, with or without liquidated damages, in which case, the extension shall be ratified by the Parties by written amendment of the Contract.
- c. A delay by the Successful Bidder in the performance of its Contract obligations shall render the Successful Bidder liable to any or all the following sanctions:
 - Forfeiture of Its Performance Bank Guarantees (PBG).
 - Termination of the Contract for default.

22. COMPLIANCE WITH LAWS

The selected Bidder shall undertake to observe, adhere to, abide by, comply with and notify the Bank that it complies with all Central, State, Municipal laws and local laws and rules and regulations in force or as are or as made applicable in future, pertaining to or applicable to them, their business, their employees or their obligations towards them and for all purposes of this RFP and shall indemnify, keep indemnified, hold harmless, defend and protect Bank and its officers/staff/personnel/representatives/agents from any failure or omission on its part to do so and against all claims or demands of liability and all consequences that may occur or arise for any default or failure on its part to conform or comply with the above and all other statutory obligations arising there from.

Further the selected Bidder shall undertake to observe, adhere to, abide by, comply with all applicable Statutes/Legislations pertaining all the its officers/staff/personnel/representatives/agents deployed by them for the scope of work (stipulated in the Request for Proposal/Quotation) but not limited to the

Minimum Wages Act, Employees Provident Fund Act, Labour Laws, ESIC Facility Standard & Rules/Regulations/Guidelines issued by the Government/ Reserve Bank of India or any other Authority, as applicable.

The selected Bidder shall undertake to promptly and timely obtain all such consents, permissions, approvals, licenses, etc., as may be necessary or required for any of the purposes of this project or for the conduct of their own business under any applicable Law, Government Regulation / Guidelines and shall keep the same valid and in force during the term/tenure of the project, and in the event of any failure or omission to do so, shall indemnify, keep indemnified, hold harmless, defend, protect and fully compensate the Bank and its employees/officers/staff/personnel/ representatives/agents from and against all claims or demands of liability and all consequences that may occur or arise for any default or failure on its part to conform or comply with the above and all other statutory obligations arising there from and Bank will give notice of any such claim or demand of liability within a reasonable time to the selected Bidder.

This indemnification is only a remedy for the Bank. The selected Bidder shall not be absolved from its responsibility of complying with the statutory obligations as specified above. Indemnity would be limited to the damages awarded by the Court and shall exclude any indirect, consequential and incidental damages. However the indemnity would cover damages, loss or liabilities suffered by the Bank arising out of claims made by its customers and/or regulatory authorities and/or any third party.

23. FORCE MAJEURE

Force Majeure is herein defined as any cause, which is beyond the control of the selected bidder or the Bank as the case maybe which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance, such as:

- Natural phenomenon, including but not limited to floods, droughts, earthquakes, epidemics,
- Situations, including but not limited to war, declared or undeclared, priorities, quarantines, embargoes,
- Terrorist attacks, public unrest in work area,

Provided either party shall within ten (10) days from the occurrence of such a cause notify the other in writing of such causes. The Selected bidder or the Bank shall not be liable for delay in performing his / her obligations resulting from any Force Majeure cause as referred to and / or defined above.

24. CANCELLATION OF TENDER PROCESS

UCO Bank reserves the right to accept or reject in part or full any or all offers without assigning any reason thereof. Any decision of UCO Bank in this regard shall be final, conclusive and binding upon the bidders. The Bank reserves the right to accept or reject any Bid in part or in full, and to cancel the Bidding process and reject all Bids at any time during the tender process or prior to contract award, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for Bank's action. During the evaluation process at any stage if it is found that the bidder does not meet the eligibility criteria or has submitted false /incorrect information the bid will be rejected summarily by The Bank.

25. ORDER CANCELLATION

The Bank reserves its right to cancel the Order/ Service Level Agreement by giving a written notice of ninety (90) days which will be inclusive of a cure period of thirty (30) days before cancellation of the Order/Service Level Agreement, in event of one or more of the following situations, that have not occurred due to reasons solely and directly attributable to the Bank alone:

- The bidder commits a breach of any of the terms and conditions of the offer or any of the terms and conditions of the Purchase Order / SLA.
- Serious discrepancy in the quality of service expected during the implementation, rollout and subsequent maintenance process.
- The bidder goes into liquidation voluntarily or otherwise.
- An attachment is levied or continues to be levied for a period of 7 days upon the effects of the order.
- The progress regarding execution of the order accepted made by the selected bidder is found to be unsatisfactory.
- Non-compliance of the scope of the job.
- Repetitive failure of the deployed personnel to perform the job to the satisfaction of the bank.
- On the events of data piracy / privacy / system failures / security failures.
- If deductions on account of liquidated damages exceed more than 10% of the total order price.

In case of cancellation of the Order/Service Level Agreement due to the above stated situations, the following consequences will entail:

- I) If the bidder does not perform satisfactorily or delays execution of order, UCO Bank reserves the right to get the balance order executed by another party of its choice by giving **30** days' notice for the same. In this event the bidder is bound to make good **with the capping of 125% of the original quoted cost for such deliverable as per commercial bid**, which UCO Bank may have to incur in executing the balance order. This clause is applicable, if for any reason, the order is cancelled.
- II) UCO Bank reserves the right to recover any dues payable by the bidder under the contract from any amount outstanding to the credit of the bidder, including the bills and /or invoking the Bank Guarantee under this purchase order.
- III) Vendor should be liable under this section if the contract/ purchase order has been cancelled in case sum total of penalties and deliveries exceeds 10% of the TCO.
- IV) In case of order cancellation, Bank will notify selected bidder with 90 days' notice period inclusive of 30 days cure period before cancellation of the Order. However, it is clarified that the notice should specifically contain that the 90 days period for cancellation is inclusive of cure period of 30 days, if the Vendor fails to cure within 30 days time the notice for cancellation will become absolute.

26. INDEMNITY

Selected bidder shall indemnify, protect and save the Bank and hold the Bank harmless from and against all claims, losses, costs, damages, expenses, action suits and other proceedings, (including reasonable attorney fees), relating to or resulting directly or indirectly from

- i. an act or omission of the Vendor, its employees, its agents, or employees of the consortium in the performance of the services provided by this contract,
- ii. Material breach of any of the terms of this RFP or breach of any representation or false representation or inaccurate statement or assurance or covenant or warranty of the service provider under this RFP.
- iii. use of the deliverables and or services provided by the Vendor,

- iv. Infringement of any patent, trademarks, copyrights etc. Or such other statutory infringements in respect of all components provided to fulfil the scope of this project.

Vendor shall further indemnify the Bank against any loss or damage to the Bank premises or property, loss of life, etc., due to the acts of the Vendor's employees or representatives. The Vendor shall further indemnify the Bank against any loss or damage arising out of claims of infringement of third-party copyright, patents, or other intellectual property, and third-party claims on the Bank for malfunctioning of the equipment or software or deliverables at all points of time, provided however,

- i. the Bank notify the vendor in writing immediately on becoming aware of such claim,
- ii. the Vendor has sole control of defence and all related settlement negotiations,
- iii. the Bank provides the Vendor with the assistance, information and authority reasonably necessary to perform the above, and
- iv. The Bank does not make any statement or comments or representations about the claim without prior written consent of the Vendor, except under due process of law or order of the court.

It is clarified that the vendor shall in no event enter into a settlement, compromise or make any statement (including failure to take appropriate steps) that may be detrimental to the Bank (and/or its customers, users and service providers) rights, interest and reputation. Vendor shall be responsible for any loss of life, etc, due to acts of Vendor's representatives, and not just arising out of gross negligence or misconduct, etc, as such liabilities pose significant risk. Vendor should take full responsibility for its and its employee's actions.

The vendors should indemnify the Bank (including its employees, directors or representatives) from and against claims, losses, and liabilities arising from:

- Non-compliance of the vendor with Laws / Governmental Requirements
- IP infringement
- Negligence and misconduct of the Vendor, its employees, and agents
- Breach of any terms of RFP, Representation or Warranty
- Act or omission in performance of service.

Further,

- I. Vendor's aggregate liability in connection with obligations undertaken as a part of the RFP regardless of the form or nature of the action giving rise to such liability (whether in contract, tort or otherwise), shall be at actual and limited to the Total Contract Value.

- II. Vendor's liability in case of claims against the Bank resulting from Wilful Misconduct or Gross Negligence of Bidder, its employees and Subcontractors or from infringement of patents, trademarks, copyrights or such other Intellectual Property Rights or breach of confidentiality obligations shall be unlimited
- III. Bank shall not be held liable for any responsibility or claim / litigation arising out of the use of any third party software or modules supplied by Bidder as part of procurement under the RFP.
- IV. Under no circumstances bank shall be liable to the selected Bidder for direct, indirect, incidental, consequential, special or exemplary damages arising from termination of this Agreement, even if UCO Bank has been advised of the possibility of such damages, such as, but not limited to, loss of revenue or anticipated profits or lost business.
- V. Subject to any law to the contrary, and to the maximum extent permitted by law Bank shall not be liable to vendor for any consequential/ incidental, or indirect damages arising out of this agreement.

Indemnity would be limited to court; tribunal or arbitrator awarded damages and shall exclude indirect, consequential and incidental damages. However indemnity would cover damages, loss or liabilities suffered by the Bank arising out of claims made by its customers and/or regulatory authorities.

The vendor shall not indemnify the Bank for

- i. Any loss of profits, revenue, contracts, or anticipated savings or
- ii. Any consequential or indirect loss or damage however caused, provided that the claims against customers, users and service providers of the Bank would be considered as a "direct" claim.

27. PUBLICITY

Any publicity by the selected bidder in which the name of the Bank is to be used should be done only with the explicit written permission of the Bank. The Bidder shall not make or allow making a public announcement or media release about any aspect of the Contract unless The Bank first gives the Bidder its prior written consent.

28. PRIVACY & SECURITY SAFEGUARDS

The Selected bidder shall not publish or disclose in any manner, without the Bank's prior written consent, the details of any security safeguards designed,

developed, or implemented by the selected bidder under this contract or existing at any Bank location. The Selected bidder shall develop procedures and implementation plans to ensure that IT resources leaving the control of the assigned user (such as being reassigned, removed for repair, replaced, or upgraded) are cleared of all Bank data and sensitive application software. The Selected bidder shall also ensure that all subcontractors who are involved in providing such security safe guards or part of it shall not publish or disclose in any manner, without the Bank's prior written consent, the details of any security safeguards designed, developed, or implemented by the selected bidder under this contract or existing at any Bank location.

29. EXIT OPTION AND CONTRACT RE-NEGOTIATION

- a) The Bank reserves the right to cancel the contract in the event of happening one or more of the following Conditions:
- Failure of the Selected bidder to accept the contract / purchase order and furnish the Performance Guarantee within 30 days of receipt of purchase contract;
 - Delay in offering equipments for pre-delivery Inspection;
 - Delay in delivery beyond the specified period;
 - Delay in completing installation / implementation of Network devices / checks beyond the specified periods;
 - Serious discrepancy in hardware noticed during the pre-dispatch factory inspection; and
 - Serious discrepancy in functionality to be provided or the performance levels agreed upon, which have an impact on the functioning of the Bank.
 - Serious discrepancy in completion of project.
 - Serious discrepancy in maintenance of project.
- b) In addition to the cancellation of purchase contract, Bank reserves the right to appropriate the damages through encashment of Bid Security/ Performance Bank Guarantee given by the Selected Bidder.
- c) The Bank shall have the option of purchasing the equipment from third-party suppliers, in case such equipment is available at a lower price and the Selected Bidder's offer does not match such lower price. Notwithstanding the foregoing, the Selected Bidder shall continue to have the same obligations as contained in this scope document in relation to such equipment procured from third-party suppliers.
- d) Notwithstanding the existence of a dispute, and/or the commencement of arbitration proceedings, the Selected Bidder will be expected to continue the services. The Bank shall have the sole and absolute discretion to decide whether proper reverse transition mechanism over a period of 6 to 12

months, has been complied with. In the event of the conflict not being resolved, the conflict will be resolved through Arbitration.

- e) The Bank and the Selected Bidder shall together prepare the Reverse Transition Plan. However, the Bank shall have the sole decision to ascertain whether such Plan has been complied with.

Reverse Transition mechanism would typically include service and tasks that are required to be performed / rendered by the Selected Bidder to the Bank or its designee to ensure smooth handover and transitioning of Bank's deliverables, maintenance

30. SIGNING OF CONTRACT

The selected bidder(s) shall be required to enter into a service level agreement (SLA) with UCO Bank, within 15 days of the award of the Bid through a Letter of Empanelment or within such extended period as may be specified.

The SLA shall be based on the requirements of this RFP, the terms and conditions of purchase order, the letter of acceptance and such other terms and conditions as may be determined by the Bank to be necessary for the proper performance of the work in accordance with the Bid and the acceptance thereof, with terms and conditions contained in a Memorandum of Understanding to be signed at the time of execution of the Form of Contract.

The selected bidder will also sign a Non-Disclosure Agreement and Deed of Indemnity with the Bank on a format prescribed by the Bank.

31. NOTICES:

a. Notice or other communications given or required to be given under the contract shall be in writing and shall be hand-delivered with acknowledgement thereof, or transmitted by pre-paid registered post or courier.

b. Any notice or other communications shall be deemed to have been validly given on date of delivery if hand-delivered & if sent by registered post than on the expiration of seven days from the date of posting.

c. The purchase order is being sent in duplicate. Please acknowledge the same and return one copy to us duly signed by you in token of having accepted the purchase order.

32. VERIFICATION

UCO Bank reserves the right to verify any or all statements made by the vendor in the Bid document and to inspect the vendor's facilities, if necessary, to establish to its satisfaction about the vendor's capacity to perform the job.

33.TERMINATION

UCO BANK reserves the right to cancel the work/purchase order or terminate the SLA by giving **90 (ninety) days' prior notice in writing inclusive of 30 days cure period** and recover damages, costs and expenses etc., incurred by Bank under the following circumstances:

- a) The selected bidder commits a breach of any of the terms and conditions of this RFP or the SLA to be executed between the Bank and the selected Bidder.
- b) The selected bidder goes into liquidation, voluntarily or otherwise.
- c) The selected bidder violates the Laws, Rules, Regulations, Bye-Laws, Guidelines, and Notifications etc., **applicable to the bidder under performance of the RFP.**
- d) An attachment is levied or continues to be levied for a period of seven days upon effects of the bid.
- e) The selected bidder fails to complete the assignment as per the time lines prescribed in the Work Order/SLA and the extension, if any allowed.
- f) Deductions on account of liquidated damages exceed more than 10% of the total work order.
- g) In case the selected bidder fails to deliver the resources as stipulated in the delivery schedule, UCO BANK reserves the right to procure the same or similar resources from alternate sources at the risk, cost and responsibility of the selected bidder.
- h) After award of the contract, if the selected bidder does not perform satisfactorily or delays execution of the contract, UCO BANK reserves the right to get the balance contract executed by another party of its choice by giving one month's notice for the same. In this event, the selected bidder is bound to make good the additional expenditure, which UCO BANK may have to incur in executing the balance contract. This clause is applicable, if the contract is cancelled for any reason, whatsoever.
- i) UCO BANK reserves the right to recover any dues payable by the selected Bidder from any amount outstanding to the credit of the selected bidder, including the adjustment of pending bills and/or invoking the Performance Bank Guarantee under this contract.

The rights of the Bank enumerated above are in addition to the rights/remedies available to the Bank under the Law(s) for the time being in force.

34. TERMINATION FOR CONVENIENCE

The Bank, by written notice sent to the vendor, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Bank's convenience, the extent to which performance of work under the Contract is terminated and the date upon which such termination becomes effective.

35. TERMINATION FOR INSOLVENCY

The Bank may at any time terminate the Contract by giving written notice **(90 day's notice period)** to the Bidder, if the Bidder becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Bidder, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the Bank.

36. TERMINATION FOR DEFAULT

The Bank, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the bidder, may terminate this Contract in whole or in part, if the bidder fails to perform any obligation(s) under the Contract.

In case of Termination for Default Bank will provide notice period of 90 days inclusion cure period of 30 days. However, it is clarified that the notice should specifically contain that the 90 days period for cancellation is inclusive of cure period of 30 days, if the Vendor fails to cure within 30 days' time the notice for cancellation will become absolute.

37. CONSEQUENCES OF TERMINATION

In the event of termination of the Contract due to any cause whatsoever, (whether consequent to the stipulated term of the Contract or otherwise), UCO Bank shall be entitled to impose any such obligations and conditions and issue any clarifications as may be necessary to ensure an efficient transition and effective business continuity of the Service(s) which the Vendor shall be obliged to comply with and take all available steps to minimize loss resulting from that termination/breach, and further allow the next successor Vendor to take over the obligations of the erstwhile Vendor in relation to the execution / continued execution of the scope of the Contract.

In the event that the termination of the Contract is due to the expiry of the term of the Contract, a decision not to grant any (further) extension by UCO Bank, the bidder herein shall be obliged to provide all such assistance to the next successor bidder or any other person as may be required and as UCO Bank may specify including training, where the successor(s) is a representative/personnel of UCO Bank to enable the successor to adequately provide the Service(s) hereunder, even where such assistance is required to be rendered for a reasonable period that may extend beyond the term/earlier termination hereof.

Nothing herein shall restrict the right of UCO Bank to invoke the Performance Bank Guarantee and other guarantees, securities furnished, enforce the Deed of Indemnity and pursue such other rights and/or remedies that may be available to UCO Bank under law or otherwise.

The termination hereof shall not affect any accrued right or liability of either Party nor affect the operation of the provisions of the Contract that are expressly or by implication intended to come into or continue in force on or after such termination.

38. COMPLIANCE WITH APPLICABLE LAWS OF INDIA

The selected bidder shall undertake to observe, adhere to, abide by, comply with and notify the Bank about all laws in force or as are or as made applicable in future, pertaining to or applicable to them, their business, their employees or their obligations towards them and all purposes of this tender and shall indemnify, keep indemnified, hold harmless, defend and protect the Bank and its employees/officers/staff/ personnel/representatives/agents from any failure or omission on its part to do so and against all claims or demands of liability and all consequences that may occur or arise for any default or failure on its part to conform or comply with the above and all other statutory obligations arising there from.

All the employees/operator deployed by the vendor for the digitization activity must comply with government's rules and regulations like minimum wages act, Provident fund and ESIC facility standard. (Proof of compliance and labour license needs to be submitted along with the quotation).

This indemnification is only a remedy for the Bank. The vendor is not absolved from its responsibility of complying with the statutory obligations as specified above. Indemnity would be limited to court awarded damages and shall exclude indirect, consequential and incidental damages. However indemnity would cover damages, loss or liabilities suffered by the bank arising out of claims made by its customers and/or regulatory authorities.

The selected bidder confirms to Bank that it complies with all Central, State, Municipal laws and local laws and rules and regulations and shall undertake to observe, adhere to, abide by, comply with and notify Bank about compliance with all laws in force including Information Technology Act 2000, or as are or as made applicable in future, pertaining to or applicable to them, their business, their employees or their obligations towards them and for all purposes of this Contract, and shall indemnify, keep indemnified, hold harmless, defend and protect Bank and its officers/staff/personnel/representatives/agents from any failure or omission on its part to do so and against all claims or demands of liability and all consequences that may occur or arise for any default or failure on its part to conform or comply with the above and all other statutory obligations arising there from. The Bidder shall promptly and timely obtain all such consents, permissions, approvals, licenses, etc., as may be necessary or required for any of the purposes of this project or for the conduct of their own business under any applicable Law, Government Regulation / Guidelines and shall keep the same valid and in force during the term of the project, and in the event of any failure or omission to do so, shall indemnify, keep indemnified, hold harmless, defend, protect and fully compensate Bank and its employees/officers/staff/personnel/representatives/agents from and against all claims or demands of liability and all consequences that may occur or arise for any default or failure on its part to conform or comply with the above and all other statutory obligations arising there from and Bank will give notice of any such claim or demand of liability within reasonable time to the Bidder.

39. DISPUTE RESOLUTION MECHANISM

- a.** The Bidder and The Bank shall endeavour their best to amicably settle all disputes arising out of or in connection with the Contract in the following manner:
 - i. The Party raising a dispute shall address to the other Party a notice requesting an amicable settlement of the dispute within seven (7) days of receipt of the notice.
 - ii. The matter will be referred for negotiation between Deputy General Manager of The Bank / Purchaser and the Authorised Official of the Bidder. The matter shall then be resolved between them and the agreed course of action documented within a further period of 15 days.
- b.** In case any dispute between the Parties, does not settle by negotiation in the manner as mentioned above, the same may be resolved exclusively by arbitration and such dispute may be submitted by either party for arbitration within 20 days of the failure of negotiations. Arbitration shall be held in Kolkata and conducted in accordance with the provisions of Arbitration and

Conciliation Act, 1996 or any statutory modification or re-enactment thereof. Each Party to the dispute shall appoint one arbitrator each and the two arbitrators shall jointly appoint the third or the presiding arbitrator.

- c. The "Arbitration Notice" should accurately set out the disputes between the parties, the intention of the aggrieved party to refer such disputes to arbitration as provided herein, the name of the person it seeks to appoint as an arbitrator with a request to the other party to appoint its arbitrator within 45 days from receipt of the notice. All notices by one party to the other in connection with the arbitration shall be in writing and be made as provided in this tender document.
- d. The arbitrators shall hold their sittings at Kolkata. The arbitration proceedings shall be conducted in English language. Subject to the above, the courts of law at Kolkata alone shall have the jurisdiction in respect of all matters connected with the Contract/Agreement even though other Courts in India may also have similar jurisdictions. The arbitration award shall be final, conclusive and binding upon the Parties and judgment may be entered thereon, upon the application of either party to a court of competent jurisdiction. Each Party shall bear the cost of preparing and presenting its case, and the cost of arbitration, including fees and expenses of the arbitrators, shall be shared equally by the Parties unless the award otherwise provides.
- e. The Bidder shall not be entitled to suspend the Service/s or the completion of the job, pending resolution of any dispute between the Parties and shall continue to render the Service/s in accordance with the provisions of the Contract/Agreement notwithstanding the existence of any dispute between the Parties or the subsistence of any arbitration or other proceedings.

40. ARBITRATION

All dispute or differences whatsoever arising between the selected bidder and the Bank out of or in relation to the construction, meaning and operation, with the selected bidder, or breach thereof shall be settled amicably. If, however, the parties are not able to resolve any dispute or difference aforementioned amicably, the same shall be settled by arbitration in accordance with the Rules of Arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties. The Arbitrator / Arbitrators shall give a reasoned award.

Work under the Contract shall be continued by the Selected bidder during the arbitration proceedings unless otherwise directed in writing by the Bank unless the matter is such that the work cannot possibly be continued until the decision of the arbitrator or of the umpire, as the case may be, is obtained and save as those which are otherwise explicitly provided in the Contract, no payment due to

payable by the Bank, to the Selected bidder shall be withheld on account of the on-going arbitration proceedings, if any unless it is the subject matter or one of the subject matters thereof. The venue of the arbitration shall be at KOLKATA, INDIA.

41. APPLICABLE LAW AND JURISDICTION OF COURT

The Contract with the Selected bidder shall be governed in accordance with the Laws of India for the time being enforced and will be subject to the exclusive jurisdiction of Courts at Kolkata (with the exclusion of all other Courts).

42. LIMITATION OF LIABILITY

- i. For breach of any obligation mentioned in this document, subject to point no. iii, in no event selected bidder shall be liable for damages to the Bank arising under or in connection with this agreement for an amount exceeding the total project cost/contract value.
- ii. Service Provider will ensure Bank's data confidentiality and shall be responsible for liability arising in case of breach of any kind of security and/or leakage of confidential customer/Bank's related information to the extent of loss cause.
- iii. The limitations set forth in point no. 1 shall not apply with respect to:
 - a) claims that are the subject of indemnification pursuant to Intellectual Property Rights and Ownership.
 - b) damages occasioned by the gross negligence or willful misconduct of Service Provider.
 - c) damages occasioned by Service Provider for breach of confidentiality obligations.
 - d) Regulatory or statutory fines imposed by the Government or Regulatory agency or non-compliance of statutory or regulatory guidelines applicable to the project.

“Gross Negligence” means an indifference to, and/or a blatant violation of a legal duty with respect of the rights of others, being a conscious and voluntary disregard of the need to use reasonable care, which is likely to cause foreseeable grave injury or harm to persons, property, or both. Gross negligence involves conduct that is extreme, when compared with ordinary negligence. A mere failure to exercise reasonable care shall not be a gross negligence.

“Willful Misconduct” means any act or failure to act with an intentional disregard of any provision of this RFP/Contract, which a party knew or should have known if it was acting as a reasonable person, which would result in injury, damage to life, personal safety, real property, harmful consequences to the other party, but shall not include any error of judgment or mistake made in good faith.

43. AMENDMENT(S) IN THE CONTRACT/SERVICE LEVEL AGREEMENT

There shall be no variation(s) in or modification(s) in the terms of the Contract/ Service Level Agreement save and except by a written mutual consent signed by both the Parties i.e. the Bank and Vendor. Bank shall have the discretion/liberty to give effect to any amendment, modification etc. in the Contract/Service Level Agreement, if so required by Bank, sequel to any amendment(s)/ modification(s) etc. in the applicable Laws/Statutes including but not limited to amendment(s)/ modification(s) etc. in the existing Guidelines/ Instructions issued/to be issued by any Regulatory Authority.

44. SEVERABILITY

If any provision of this Agreement is held to be illegal, invalid, or unenforceable under any Applicable Law, and if the rights or obligations of the Parties under this Contract/ Service Level Agreement will not be materially and adversely affected thereby (a) such provision will be fully severable; (b) this Contract/Service Level Agreement will be construed and enforced as if such illegal, invalid, or unenforceable provision had never been comprised a part hereof; and (c) the remaining provisions of this Contract / Service Level Agreement will remain in full force and effect and will not be affected by the illegal, invalid, or unenforceable provision or by its severance here from.

45. PREFERENCE TO MAKE IN INDIA

The policy of the Govt. of India to encourage “Make in India” and promote manufacturing and production of goods and services in India, “Public Procurement (Preference to Make in India), Order 2017 and the revised order issued vide GOI, Ministry of Commerce and Industry, Department for Promotion of Industry and Internal trade, vide Order No. P-45021/2/2017-PP (BEI) dated 04.06.2020 will be applicable for this tender.

- I. **Purchase Preference:** In procurement of all goods, services or works in respect of which Nodal Ministry/Department has communicated that there is sufficient local capacity and local competition, only “Class-I Local

Supplier", as defined under the order, shall be eligible to bid irrespective of purchase value.

In procurements of goods or works which are divisible in nature, the "Class-I Local Supplier" shall get purchase preference over "Class-II Local Supplier" as well as "Non-Local Supplier", as per following procedure:

- Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract for full quantity will be awarded to L1.
- If L1 bid is not a 'Class-I local supplier', 50% of the order quantity in to shall be awarded to L1. Thereafter, the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference, and the contract for that quantity shall be awarded to such 'Class-I local supplier' subject to matching the L1 price for remaining quantity and so on , and contract shall be awarded accordingly. In case some quantity is still left uncovered on Class-I local suppliers then such balance quantity may also be ordered on the L1 bidder.

In procurement of goods or works which are not divisible in nature and in procurement of services where the bid is evaluated on price alone, the 'Class-I local supplier' shall get Purchase Preference over 'Class-II Local Supplier' as well as 'Non Local Supplier' as per following procedure:

- Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class – I Local Supplier ', the contract will be awarded to L1.
- If L1 is not 'Class –I Local Supplier, the lowest bidder among the 'Class-I Local Supplier ', will be invited to match the L1 price subject to Class –I local suppliers quoted price falling with in the margin of purchase preference and the contract shall be awarded to such 'Class -I Local Supplier' subject to matching the L1 price.
- In case such lowest eligible 'Class-I local supplier' fails to match the L1 price, the 'Class-I local supplier ' with the next higher bid within the margin of Purchase Preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case of none of the 'Class-I Local Supplier' within the margin of Purchase Preference matches the L1 price, the contract may be awarded to the L1 bidder.
- "Class-II local supplier" will not get purchase preference in any procurement, undertaken by procuring entities.

II. For the purpose of Preference to Make in India, Order 2017 (PPP-MII Order):

- “Local content” means the amount of value added in India which shall be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.
- “**Class-I Local supplier**” means a supplier or service provider whose product or service offered for procurement has local content equal to or more than 50%.
- “**Class-II local supplier**” means a supplier or service provider, whose **goods**, services or works offered for procurement, has local content more than 20% but less than 50%.
- “**Non-Local Supplier**” means a supplier or service provider , whose goods , services or works offered for procurement , has local content less than or equal to 20%.
- “**Margin of purchase preference**” means the maximum extent to which the price quoted by a local supplier may be above the L1 for the purpose of purchase preference. The margin of purchase preference shall be 20%.

III. Verification of Local Content:

- a. The ‘Class-I local supplier’/‘Class-II Local Supplier’ at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self –certification that the item offered meets the local content requirement for ‘Class –I Local Supplier’/‘Class –II Local Supplier’, as the case may be. They shall also give details of the location(s) at which the local value addition is made.
- b. In case of procurement for a value in excess of Rs 10 Crores , the ‘Class-I Local Supplier/ ‘Class-II Local Supplier ‘ shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

The local supplier at the time of submission of bid shall be required to provide a certificate as per **Annexure-W** from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or

practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content

The Bank shall follow all the guidelines/notifications for public procurement

46. RESTRICTION ON PROCUREMENT DUE TO NATIONAL SECURITY

Any bidder from a country sharing a land border with India will be eligible to bid in this tender only if the bidder is registered with the Department for Promotion of Industry and Internal Trade (DPIIT). A copy of the valid Certificate to be attached with the Bid. Certificate as per the Annexure to be attached along with the Bid. Vide Ministry of Finance OM No. 6/18/2019-PPD dated 23rd July 2020.

Reference is made to Government of India order F. No. 7/86/2020/BOA-I dated 07.08.2020 on restrictions on procurements from bidders from a country or countries, on grounds of defence in India, or matters directly or indirectly, related thereto, including national security.

- i. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority.
- ii. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
- iii. "Bidder from a country which shares a land border with India" for the purpose of this Order means: -
 - a. An entity incorporated, established or registered in such a country; or
 - b. A subsidiary of an entity incorporated, established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose beneficial owner is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or.

- f. A natural person who is a citizen of such a country; or
- g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

iv. The beneficial owner for the purpose of (iii) above will be as under:

In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation:

- a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent. of shares or capital or profits of the company;
- b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
 - 1. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
 - 2. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
 - 3. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
 - 4. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
- v. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

- vi.** The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

(Tender offer forwarding letter)

Tender Reference No.: DIT/BPR & BTB/OA/2805/2020-21 Date: 04/01/2021

**To,
The General Manager (DIT, BPR & BTB)
UCO Bank, Head Office
Department of Information Technology,
5th Floor, 3 & 4 DD Block, Sector -1,
Salt Lake, Kolkata -700064**

Dear Sir,

**Sub: RFP for Supply, Commissioning, Maintenance & Management of MPLS Link On
Wired/RF and 4G/5G (SINGLE SIM BASED),**

With reference to the above RFP, having examined and understood the instructions including all Annexures, terms and conditions forming part of the Bid, we hereby enclose our offer for Supply, Commissioning, Maintenance & Management of MPLS Link On Wired/RF And 4G/5G (SINGLE SIM BASED), as mentioned in the RFP document forming Technical as well as Commercial Bids being parts of the above referred Bid.

In the event of our selection by the bank, we will submit a Performance Guarantee for a sum equivalent to 10% of the project cost for a period of **3 years with 3 months** of claim period effective from the month of execution of Service Level Agreement in favour of UCO Bank.

We agree to abide by the terms and conditions of this tender offer till 180 days from the date of commercial bid opening and our offer shall remain binding upon us which may be accepted by the Bank any time before expiry of 180 days.

Until a formal contract is executed, this tender offer, together with the Bank's written acceptance thereof and Bank's notification of award, shall constitute a binding contract between us.

We understand that the Bank is not bound to accept the lowest or any offer the Bank may receive

We enclose the following Demand draft(s)/Bank Guarantee:

- 1. DD No. Dated for Rs. 30,000/- (Rupees thirty Thousand Only) + GST as Cost of RFP Document &**
- 2. BG No. Dated for Rs. 30,00,000/- (Rupees thirty lakh Only) as EMD.**

Dated this day of 2021

Signature:

(In the Capacity of) Duly authorized to sign the tender offer for and on behalf of

General Details of the Bidder**A. Profile of Bidder**

1. Name of bidder:
2. Location
Regd. Office:
Controlling Office:
3. Constitution
4. Date of incorporation & date of commencement of business:
5. Major change in Management in last three years
6. Names of Banker /s

B. Financial Position of Bidder for the last three financial years

	2016-17	2017-18	2018-19
Net Worth			
Turnover			
Net Profit (Profit After Tax)			

N.B. Enclose copies of Audited Balance Sheets along with enclosures**C. Proposed Service details in brief**

- Description of service :
- Details of similar service provided to banks in India specifying the number of Banks and branches
 - In PSU banks
 - In non-PSU banks

Details of Experience in implementation of similar orders

Sl. No.	Name of Organisation	Contract Period (last 3 Years)	
		From	To

N.B. Enclose copies of Purchase Orders as references.**Place:****Date:****AUTHORISED SIGNATORY****Name:****Designation:**

Format of Bank Guarantee (EMD)

To
The General Manager (DIT, BPR & BTD)
UCO Bank, Head Office
Department of Information Technology,
5th Floor, 3 & 4 DD Block, Sector -1,
Salt Lake, Kolkata -700064Dear

Sirs,

In response to your invitation to respond to your RFP for Supply, Commissioning, Maintenance & Management of MPLS Link on WIRED/RF AND 4G/5G (SINGLE SIM BASED), M/s _____ having their registered office at _____ (hereinafter called the 'Bidder') wish to respond to the said Request for Proposal (RFP) and submit the proposal for Supply, Commissioning, Maintenance & Management of MPLS Link on WIRED/RF AND 4G/5G (SINGLE SIM BASED) as listed in the RFP document.

Whereas the 'Bidder' has submitted the proposal in response to RFP, we, the _____ Bank having our head office _____ hereby irrevocably guarantee an amount of **Rs 30,00,000** (Rupees thirty Lacs only) as bid security as required to be submitted by the 'Bidder' as a condition for participation in the said process of RFP.

The Bid security for which this guarantee is given is liable to be enforced/invoked:

1. If the Bidder withdraws his proposal during the period of the proposal validity; or
2. If the Bidder, having been notified of the acceptance of its proposal by the Bank during the period of the validity of the proposal fails or refuses to enter into the contract in accordance with the Terms and Conditions of the RFP or the terms and conditions mutually agreed subsequently.

We undertake to pay immediately on demand to UCO Bank the said amount of Rupees Forty Lacs without any reservation, protest, demur, or recourse. The said guarantee is liable to be invoked/ enforced on the happening of the contingencies as mentioned above and also in the RFP document and we shall pay the amount on any Demand made by UCO Bank which shall be conclusive and binding on us irrespective of any dispute or difference raised by the Bidder.

Notwithstanding anything contained herein:

1. Our liability under this Bank guarantee shall not exceed Rs 30, 00,000/- (Rupees Thirty Lakh only).
2. This Bank Guarantee will be valid upto ____; and
3. We are liable to pay the guarantee amount or any part thereof under this Bank guarantee only upon service of a written claim or demand by you on or before_____.

In witness whereof the Bank, through the authorized officer has sets its hand and stamp on this ____day of ____at ____.

Yours faithfully,

For and on behalf of

_____ Bank.

Authorised Official.

(NB : This guarantee will require stamp duty as applicable and shall be signed by the official whose signature and authority shall be verified. The signatory shall affix his signature, name and designation).

PROFORMA FOR PERFORMANCE BANK GUARANTEE**(To be stamped in accordance with the stamp act)**

1. In consideration of UCO BANK, a body corporate constituted under the Banking Companies (Acquisition & Transfer of Undertaking) Act, 1970, having its head office at 10 BIPLABI TRILOKYA MAHARAJ SARANI (BRABOURNE ROAD), Kolkata-700001 (hereinafter called "UCO BANK") having agreed to exempt **M/s _____ (Name of the vendor Company)**, a Company incorporated under the Companies Act, 1956 having its registered office at (Address of the vendor company) (hereinafter called "the said VENDOR") from the demand, under the terms and conditions of UCO BANK's purchase order/ Letter of Intent bearing no.dated..... issued to the Vendor and an Agreement to be made between UCO Bank and the Vendor for a period of In pursuance of Request For Proposal no.....dated....., as modified, (hereinafter called "the said Agreement"), of security deposit for the due fulfillment by the said VENDOR of the Terms and conditions contained in the said Agreement, on production of a Bank _____ Guarantee _____ for Rs.....(Rupees.....Only).We,.....[indicate the name of the bank ISSUING THE BANK GUARANTEE] (hereinafter referred to as "the Bank") at the request of [VENDOR] do hereby undertake to pay to UCO BANK an amount not exceeding Rs.....against any loss or damage caused to or suffered or would be caused to or suffered by UCO BANK by reason of any breach by the said VENDOR of any of the terms or conditions contained in the said Agreement.
2. We [indicate the name of the bank ISSUING THE BANK GUARANTEE] do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from UCO BANK stating that the amount claimed is due by way of loss or damage caused to or breach by the said VENDOR of any of the terms or conditions contained in the said Agreement or by reason of the VENDOR'S failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....
3. We undertake to pay to UCO BANK any money so demanded notwithstanding any dispute or disputes raised by the VENDOR in any suit or proceeding

pending before any court or Tribunal relating thereto our liability under this present being absolute and unequivocal. The payment as made by us under this bond shall be a valid discharge of our liability for payment there under and the VENDOR for payment there under and the VENDOR shall have no claim against us for making such payment.

4. We,[indicate the name of the Bank ISSUING THE GUARANTEE] further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of BANK under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till UCO BANK certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said VENDOR and accordingly discharged this guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before(Expiry of claim period), we shall be discharged from all liabilities under this guarantee thereafter.
5. We [indicate the name of Bank ISSUING THE GUARANTEE] further agree with UCO BANK that UCO BANK shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said VENDOR from time or to postpone for any time, or from time to time any of the powers exercisable by UCO BANK against the said VENDOR and to forebear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any variation, or extension being granted to the said VENDOR or for any forbearance, act or omission on the part of UCO BANK of any indulgence by UCO BANK to the said VENDOR or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the VENDOR.
7. We, [indicate the name of Bank ISSUING THE GUARANTEE] lastly undertake not to revoke this guarantee during its currency except with the previous consent of UCO BANK in writing.

Notwithstanding anything contained herein:

- d. Our liability under this Bank Guarantee shall not exceed Rs..... (Rupees.....) Only.
- e. This Bank Guarantee shall be valid uptoand

- f. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before(date of expiry of Guarantee including claim period).

8. Dated the day of for [indicate the name of Bank]

Yours' faithfully,

For and on behalf of

_____ Bank.

Authorised Official.

NOTE:

1. Selected vendor should ensure that the seal and CODE No. of the signatory is put by the bankers, before submission of the bank guarantee.
2. Bidder guarantee issued by banks located in India shall be on a Non-Judicial Stamp Paper of requisite value as applicable to the place of execution.

**To
The General Manager (DIT, BPR & BTD)
UCO Bank, Head Office
Department of Information Technology,
5th Floor, 3 & 4 DD Block, Sector -1,
Salt Lake, Kolkata -700064**

Sir,

**Reg.: RFP for Supply, Commissioning, Maintenance & Management of MPLS Link On
Wired/RF AND 4G/5G (SINGLE SIM BASED)**

We submit our Bid Document herewith.

We understand that Bank is not bound to accept the lowest or any bid received and Bank may reject all or any bid.

If our bid is accepted, we are responsible for the due performance as per the scope of work and terms & conditions as per mentioned in RFP.

Yours faithfully

For.....

(Signature and seal of authorized person)

Place:

Date:

Undertaking for Non-Blacklisting / Non-Debarment of the bidder

To,
The General Manager (DIT, BPR & BTB)
UCO Bank, Head Office
Department of Information Technology,
5th Floor, 3 & 4 DD Block, Sector -1,
Salt Lake, Kolkata -700064

Dear Sir(s),

Sub: **RFP for Supply, Commissioning, Maintenance & Management of MPLS Link on WIRED/RF AND 4G/5G (SINGLE SIM BASED)**

- a. We M/s _____, the undersigned hereby confirm that we have read and understood the eligibility criteria and fulfil the same.
- b. We further confirm that all the information as per requirement of the Bank have been included in our bid.
- c. Further we hereby undertake and agree to abide by all terms and conditions and guidelines stipulated by the Bank. We understand that any deviation may result in disqualification of our bid.
- d. We have not been blacklisted by any Nationalized Bank/RBI/IBA or any other Government agency/ICAI. No legal action is pending against us for any cause in any legal jurisdiction.
- e. We undertake that adequate number of resources, if required by the Bank, will be deployed for the project to complete the assignment within stipulated time.
- f. (Deviation to the above if any, the Bidder must provide details of such action(s)
 - 1.
 - 2.

(Signature and the capacity of the person duly authorized to sign the bid for and on behalf of)

Undertaking to abide by all by-laws / rules / regulations

(TO BE EXECUTED ON NON-JUDICIAL STAMP PAPER OF REQUISITE VALUE)

To,
The Deputy General Manager (DIT, BPR & BTB),
UCO Bank, Head Office – II,
Department of Information Technology,
5th Floor, 3 & 4 DD Block, Sector – 1
Salt Lake, Kolkata – 700064.

Sub: Declaration-Cum-Undertaking regarding compliance with all statutory requirements

In consideration of UCO Bank, a body corporate, constituted under Banking Companies (Acquisition & Transfer of Undertakings) Act, 1970 as amended from time to time having its Head Office at 10, Biplabi Trailokya Maharaj Sarani, Kolkata-700001 (hereinafter referred to as "Bank" which expression shall include its successors and assigns), we, M/s....., having its Registered Office at....., do hereby, having examined the RFP including all Annexure, confirm and agree to comply with all Laws, Rules, Regulations, By-Laws, Guidelines, Notifications etc.

We hereby undertake and agree to abide by all the terms and conditions stipulated by the Bank in the RFP Ref No. DIT/BPR & BTB/OA/2805/2020-21 Date: 04.01.2021 including all annexure, addendum, corrigendum and amendments, if any. We certify that the services offered shall be in conformity with the terms & conditions and Scope of Work stipulated in the annexures of the said RFP.

We do also hereby irrevocably and unconditionally agree and undertake to save and keep the Bank, including its respective directors, officers, and employees and keep them harmless from and against any claim, demand, losses, liabilities or expenses of any nature and kind whatsoever and any damage caused from and against all suits and other actions that may be instituted taken or preferred against the Bank by whomsoever and all losses, damages, costs, charges and expenses arising out of non-compliance with or non-adherence to any statutory/regulatory requirements and/or any other law for the time being in force.

We also confirm that payment to the engaged employees shall be made in consonance with the Minimum Wages Act in vogue and their duty hours will also be as per applicable labour laws of country.

Dated this _____ day of _____, 20 _____ .

Place:

For M/s.

[Seal and Signature(s) of the Authorized Signatory (s)]

Undertaking Letter on the selected bidder's letterhead for Central Minimum Wages Act & Labour Laws

To,
Deputy General Manager (DIT, BPR & BTB)
UCO Bank, Head Office
Department of Information Technology
5th Floor, 3&4, DD Block, Sector-I
Salt Lake, Kolkata -700064

Sir,

Ref: RFP for Supply, Commissioning, Maintenance & Management of MPLS Link On Wired/RF AND 4G/5G (Single SIM Based)

Further to our proposal dated in response to the Request for Proposal (Bank's tender No..... herein referred to as RFP) issued by Bank, we hereby covenant and confirm as follows:

In this regard we confirm that the employees engaged by our Company to carryout the services in your bank for the above said contract are paid minimum wages / salaries as stipulated in the Government (Central / State) Minimum Wages / Salaries act in force. All the employees/operator deployed by the selected bidder for the digitization activity must comply with government's rules and regulations like minimum wages act, Provident Fund and ESIC facility standard. We also indemnify the Bank against any action / losses / damages that arise due to action initiated by Commissioner of Labour for non-compliance to the above criteria.

We further authorize the Bank to deduct from the amount payable to the Company under the contract or any other contract of the Company with the Bank if a penalty is imposed by Labour Commissioner towards non-compliance to the "Minimum Wages / Salary stipulated by government in the Act by your company.

(Proof of compliance and labour license needs to be submitted along with the quotation)

Yours faithfully,

Authorised Signatory

Designation

Bidder's corporate name

Place:

Date:

Undertaking Letter on the vendor's letterhead for GST Law

To,
The Deputy General Manager,
DIT, BPR & BTD,
Bank, Head Office,
5th Floor, 3&4, DD Block, Sector-I,
Salt Lake, Kolkata -700064.

Dear Sir,

**Sub: RFP for Supply, Commissioning, Maintenance & Management of MPLS Link
On Wired/RF AND 4G/5G (Single SIM Based)**

Further to our proposal dated, in response to the Request for Proposal (Bank's tender No. hereinafter referred to as "RFP") issued by Bank, we hereby covenant, warrant and confirm as follows:

We, the bidder M/s, hereby agree to comply with all applicable GST Laws including GST Acts, Rules, Regulations, Procedures, Circulars & Instructions thereunder applicable in India from time to time and to ensure that such compliance is done.

Yours faithfully,

For.....

Designation:

(Signature and seal of authorized person)

Bidder's corporate name:

Place:

Date:

Undertaking for Price Validity & Acceptance of all terms & conditions of RFP

**To
The Deputy General Manager
DIT, BPR & BTD
UCO Bank, Head Office
5th Floor, 3&4, DD Block, Sector-I
Salt Lake, Kolkata -700064.**

Dear Sir,

**Sub: RFP for Supply, Commissioning, Maintenance & Management of MPLS
Link On Wired/RF AND 4G/5G (Single SIM Based)**

We understand that Bank is not bound to accept the lowest or any bid received and Bank may reject all or any bid. We shall keep the price valid for the entire contract period from the date of issuance of the first Work order.

If our bid is accepted, we are responsible for the due performance as per the scope of work and terms & conditions as per mentioned in RFP.

Yours faithfully,

For.....

(Signature and seal of authorized person)

Place:

Date:

Undertaking for No Deviation

To
The Deputy General Manager
DIT, BPR & BTD
UCO Bank, Head Office
5th Floor, 3&4, DD Block, Sector-I
Salt Lake, Kolkata -700064.

Dear Sir,

Sub: RFP for Supply, Commissioning, Maintenance & Management of MPLS Link On Wired/RF AND 4G/5G (Single SIM Based)

Further to our proposal dated, in response to the Request for Proposal (Bank's tender No. hereinafter referred to as "**RFP**") issued by Bank, we hereby covenant, warrant and confirm as follows:

We hereby agree to comply with all the terms and conditions / stipulations as contained in the RFP and the related addendums and other documents including the changes made to the original tender documents if any, issued by the Bank. The Bank is not bound by any other extraneous matters or deviations, even if mentioned by us elsewhere either in our proposal or any subsequent deviations sought by us, whether orally or in writing, and the Bank's decision not to accept any such extraneous conditions and deviations will be final and binding on us.

We undertake to execute Deed of Indemnity, Non-disclosure Agreement & provide Performance Bank Guarantee as per the annexure enclosed in the RFP, in case of emergence as a successful bidder.

Yours faithfully,

For.....

Designation:

(Signature and seal of authorized person)

Bidder's corporate name:

Place:

Date:

Format of Pre-Bid Queries to be submitted by the Bidder(s)**To be e-mailed in .doc format**

Name of the Bidder:

Name of the Contact Person of the Bidder:

Contact Number of the Contact Person:

Email id of the Contact Person:

SI No	RFP Page No.	RFP Clause No.	Original RFP Clause	Subject/Descri ption	Query sought/Sugges tions of the Bidder

PRE CONTRACT INTEGRITY PACT**(To be stamped as per the Stamp Law of the Respective State)**

1. Whereas UCO Bank having its registered office at UCO BANK, a body corporate constituted under The Banking companies (Acquisition & Transfer Act of 1970), as amended by The Banking Laws (Amendment) Act, 1985, having its Head Office at 10, Biplabi Trailokya Maharaj Sarani, Kolkata-700001 acting through its Department of IT, represented by Authorised Signatory hereinafter referred to as the Buyer and the first party, proposes to procure (Supply, Commissioning, Maintenance & Management of MPLS Link On Wired/RF AND 4G/5G (Single SIM Based)) hereinafter referred to as Stores and / or Services.

And

M/s_____ represented by_____ Authorized signatory, (which term, unless expressly indicated by the contract, shall be deemed to include its successors and its assignee), hereinafter referred to as the bidder/seller and the second party, is willing to offer/has offered the Stores and / or Services.

2. Whereas the Bidder/Seller is a private company/public company/ /partnership/registered export agency, constituted in accordance with the relevant law in the matter and the BUYER is a Public Sector Undertaking and registered under Companies Act 1956. Buyer and Bidder/Seller shall hereinafter be individually referred to as —Party or collectively as the —parties, as the context may require.

3. Preamble

Buyer has called for tenders under laid down organizational procedures intending to enter into contract /s for supply / purchase / etc. of Supply, Commissioning, Maintenance & Management of MPLS Link On Wired/RF AND 4G/5G (Single SIM Based) and the Bidder /Seller is one amongst several bidders /Proprietary Vendor /Customer Nominated Source/Licenser who has indicated a desire to bid/supply in such tendering process. The Buyer values and takes primary responsibility for values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness / transparency in its relations with its Bidder (s) and / or Seller(s).

In order to achieve these goals, the Buyer will appoint Independent External Monitor(s) (IEM) in consultation with Central Vigilance Commission, who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

4. Commitments of the Buyer

4.1 The Buyer commits itself to take all measures necessary to prevent corruption and fraudulent practices and to observe the following principles:-

(i) No employee of the Buyer, personally or through family members, will in connection with the tender, or the execution of a contract demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(ii) The Buyer will during the tender process treat all Bidder(s) /Seller(s) with equity and reason. The Buyer will in particular, before and during the tender process, provide to all Bidder (s) /Seller(s) the same information and will not provide to any Bidders(s) /Seller(s) confidential /additional information through which the Bidder(s) / Seller(s) could obtain an advantage in relation to the process or the contract execution.

(iii) The Buyer will exclude from the process all known prejudiced persons.

4.2 If the Buyer obtains information on the conduct of any of its employees which is a criminal offence under the Indian Legislation Prevention of Corruption Act 1988 as amended from time to time or if there be a substantive suspicion in this regard, the Buyer will inform to its Chief Vigilance Officer and in addition can initiate disciplinary action.

5 Commitments of the Bidder(s) /Seller(s):

5.1 The Bidder(s)/ Seller(s) commit itself to take necessary measures to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

(i) The Bidder(s) /Seller(s) will not directly or through any other persons or firm, offer promise or give to any of the Buyer's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he / she is not legally entitled to, in order to obtain in exchange any advantage during the tendering or qualification process or during the execution of the contract.

(ii) The Bidder(s) /Seller(s) will not enter with other Bidders / Sellers into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

(iii) The bidder(s) /Seller(s) will not commit any offence under the Indian legislation, Prevention of Corruption Act, 1988 as amended from time to time. Further, the Bidder(s) /Seller(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Buyer as part of the business relationship, regarding plans,

technical proposals and business details, including information constrained or transmitted electronically.

5.2 The Bidder(s) /Seller(s) shall ensure compliance of the provisions of this Integrity Pact by its sub-supplier(s) / sub-contractor(s), if any, Further, the Bidder /Seller shall be held responsible for any violation /breach of the provisions by its sub-supplier(s) /sub-contractor(s).

5.3 The Bidder(s) /Seller(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

5.4 Agents / Agency Commission

The Bidder /Seller confirms and declares to the Buyer that the bidder/Seller is the original manufacturer/authorized distributor / stockiest of original manufacturer or Govt. Sponsored /Designated Export Agencies (applicable in case of countries where domestic laws do not permit direct export by OEMS of the stores and /or Services referred to in this tender / Offer / contract / Purchase Order and has not engaged any individual or firm, whether Indian or Foreign whatsoever, to intercede, facilitate or in any way to recommend to Buyer or any of its functionaries, whether officially or unofficially, to the award of the tender / contract / Purchase order to the Seller/Bidder; nor has any amount been paid, promised or intended to be paid to any such individual or firm in respect of any such intercession, facilitation or recommendation. The Seller / Bidder agrees that if it is established at any time to the satisfaction of the Buyer that the present declaration is in anyway incorrect or if at a later stage it is discovered by the Buyer that the Seller incorrect or if at a later stage it is discovered by the Buyer that the Seller/Bidder has engaged any such individual /firm, and paid or intended to pay any amount, gift, reward, fees, commission or consideration to such person, party, firm or institution, whether before or after the signing of this contract /Purchase order, the Seller /Bidder will be liable to refund that amount to the Buyer. The Seller will also be debarred from participating in any RFP / Tender for new projects / program with Buyer for a minimum period of five years. The Buyer will also have a right to consider cancellation of the Contract / Purchase order either wholly or in part, without any entitlement of compensation to the Seller /Bidder who shall in such event be liable to refund agents / agency commission payments to the buyer made by the Seller /Bidder along with interest at the rate of 2% per annum above LIBOR (London Inter Bank Offer Rate) (for foreign vendors) and Base Rate of SBI (State Bank of India) plus 2% (for Indian vendors). The Buyer will also have the right to recover any such amount from any contracts / Purchase order concluded earlier or later with Buyer.

6. Previous Transgression

6.1 The Bidder /Seller declares that no previous transgressions have occurred in the last three years from the date of signing of this Integrity Pact with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify Bidder's /Seller's exclusion from the tender process.

6.2 If the Bidder /Seller makes incorrect statement on this subject, Bidder /Seller can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason without any liability whatsoever on the Buyer.

7. Company Code of Conduct

Bidders /Sellers are also advised to have a company code of conduct (clearly rejecting the use of bribes and other unethical behaviour) and a compliance program for the implementation of the code of conduct throughout the company.

8. Sanctions for Violation

8.1 If the Bidder(s) /Seller(s), before award or during execution has committed a transgression through a violation of Clause 5, above or in any other form such as to put his reliability or credibility in question, the Buyer is entitled to disqualify the Bidder(s) /Seller (s) from the tender process or take action as per the procedure mentioned herein below:

- (i) To disqualify the Bidder /Seller with the tender process and exclusion from future contracts.
- (ii) To debar the Bidder /Seller from entering into any bid from Buyer for a period of two years.
- (iii) To immediately cancel the contract, if already signed /awarded without any liability on the Buyer to compensate the Bidder /Seller for damages, if any. Subject to Clause 5, any lawful payment due to the Bidder/Seller for supplies effected till date of termination would be made in normal course.
- (iv) To encash EMD /Advance Bank Guarantees / Performance Bonds / Warranty Bonds, etc. which may have been furnished by the Bidder /Seller to the extent of the undelivered Stores and / or Services.

8.2 If the Buyer obtains Knowledge of conduct of Bidder /Seller or of an employee or representative or an associate of Bidder /Seller which constitutes corruption, or if the Buyer has substantive suspicion in this regard, the Buyer will inform to its Chief Vigilance Officer.

9. Compensation for Damages

9.1 If the Buyer has disqualified the Bidder(s) /Seller(s) from the tender process prior to the award according to Clause 8, the Buyer is entitled to demand and recover the damages equivalent to Earnest Money Deposit in case of open tendering.

9.2 If the Buyer has terminated the contract according to Clause 8, or if the Buyer is entitled to terminate the contract according to Clause 8, the Buyer shall be entitled to encash the advance bank guarantee and performance bond / warranty bond, if furnished by the Bidder / Seller, in order to recover the payments, already made by the Buyer for undelivered Stores and / or Services.

10. Independent External Monitor(s)

10.1 The Buyer has appointed independent External Monitors for this Integrity Pact in consultation with the Central Vigilance Commission (Names and Addresses of the Monitors are given in RFP).

10.2 As soon as the integrity Pact is signed, the Buyer shall provide a copy thereof, along with a brief background of the case to the independent External Monitors.

10.3 The Bidder(s) / Seller(s) if they deem it necessary, May furnish any information as relevant to their bid to the Independent External Monitors.

10.4 If any complaint with regard to violation of the IP is received by the buyer in a procurement case, the buyer shall refer the complaint to the Independent External Monitors for their comments / enquiry.

10.5 If the Independent External Monitors need to peruse the records of the buyer in connection with the complaint sent to them by the buyer, the buyer shall make arrangement for such perusal of records by the independent External Monitors.

10.6 The report of enquiry, if any, made by the Independent External Monitors shall be submitted to MD & CEO, UCO Bank, Head Office at 10, Biplabi Trailokya Maharaj Sarani , Kolkata-700001 within 2 weeks, for a final and appropriate decision in the matter keeping in view the provision of this Integrity Pact.

10.7 The word "Monitor" would include both singular and plural.

11. Law and Place of Jurisdiction

This Integrity Pact is subject to Indian Laws, and exclusive Jurisdiction of Courts at Kolkata, India.

12. Other Legal Actions

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provision of the extant law in force relating to any civil or criminal proceedings.

13. Integrity Pact Duration.

13.1 This Integrity Pact begins when both parties have legally signed it. It expires of order / finalization of contract.

13.2 If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this Integrity Pact as specified above, unless it is discharged / determined by MD & CEO, UCO Bank .

13.3 Should one or several provisions of this Integrity Pact turn out to be invalid, the reminder of this Integrity Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

14. Other Provisions

14.1 Changes and supplements need to be made in writing. Side agreements have not been made.

14.2 The Bidders (s)/ Sellers (s) signing this IP shall not initiate any Legal action or approach any court of law during the examination of any allegations/complaint by IEM and until the IEM delivers its report.

14.3 In view of nature of this Integrity Pact, this Integrity Pact shall not be terminated by any party and will subsist throughout its stated period.

14.4 Nothing contained in this Integrity Pact shall be deemed to assure the bidder / Seller of any success or otherwise in the tendering process.

15. This Integrity Pact is signed with UCO Bank exclusively and hence shall not be treated as precedence for signing of IP with MoD or any other Organization.

16. In the event of any contradiction between the Integrity Pact and its Annexure, the Clause in the Integrity Pact will prevail.

17. The Parties here by sign this Integrity Pact.

BUYER

Signature:

Authorized Signatory

Department of IT

Place:

Date:

Witness:

(Name & Address)

BIDDER /SELLER

Signature:

Authorized Signatory

Witness:

(Name & Address)

NON-DISCLOSURE AGREEMENT

(To be executed on non-judicial stamp paper of requisite value)

This Non-Disclosure Agreement is entered into on this day of..... 2021

BETWEEN

UCO Bank, a body corporate, constituted under the Banking Companies (Acquisition & Transfer of Undertakings) Act, 1970 as amended from time to time having its Head Office at No.10, BTM Sarani, Kolkata-700001 hereinafter referred to as **"the Bank"** (which expression shall unless excluded by or repugnant to the subject or context be deemed to mean and include its assigns, administrators and successors) **of the FIRST PART/ DISCLOSING PARTY**

AND

.....
..... (Which expression shall unless excluded by or repugnant to the subject or context be deemed to mean and include its assigns, administrator and successors) of the **SECOND PART/ RECEIVING PARTY**

(Each of Bank and the vendor is sometimes referred to herein as a **"Party"** and together as the **"Parties"**).

WHEREAS the Vendor/Receiving Party is inter alia engaged for Supply, Commissioning, Maintenance & Management of MPLS Link On Wired/RF AND 4G/5G (Single SIM Based) as per the terms and conditions specified in the RFP Ref No. DIT/BPR&BTD/OA/2805/2020-21 Date: 04.01.2021 The Vendor/Receiving Party would be the single point of contact for this project.

WHEREAS Bank/Disclosing Party is inter alia engaged in the business of Banking; and

WHEREAS the Parties presently desire to discuss and/or consult with each other's business for the purposes of entering into Agreements for Supply, Commissioning, Maintenance & Management of MPLS Link On Wired/RF AND 4G/5G (Single SIM Based).

WHEREAS the Parties recognize that each other's business involves specialized and proprietary knowledge, information, methods, processes, techniques and skills peculiar to their security and growth and that any disclosure of such methods, processes, skills, financial data, or other confidential and proprietary information would substantially injure a Party's business, impair a Party's investments and goodwill, and jeopardize a Party's relationship with a Party's clients and customers; and

WHEREAS in the course of consultation with respect to the potential business venture, the Parties anticipate disclosing to each other certain information of a novel, proprietary, or confidential nature, and desire that such information be subject to all of the terms and conditions set forth herein below;

NOW THEREFORE the Parties hereto, in consideration of the promises and other good and valuable consideration, agree such information shall be treated as follows:

1. Confidential Information. “**Confidential Information**” shall mean and include any information which relates to the financial and/or business operations of each Party, including but not limited to, specifications, drawings, sketches, models, samples, reports, forecasts, current or historical data, computer programs or documentation and all other technical, financial or business data, information related to each Party's customers, products, processes, financial condition, employees, intellectual property, manufacturing techniques, experimental work, trade secrets.

2. Use of Confidential Information. The Vendor/Receiving Party agrees not to use the Bank/Disclosing Party's confidential Information for any purpose other than for the specific consultation regarding the potential business venture. Any other use of such Confidential Information by the Receiving Party shall be made only upon the prior written consent from an authorized representative of the Disclosing Party which wishes to disclose such information or pursuant to subsequent agreement between the Parties hereto.

3. Restrictions. Subject to the provisions of paragraph 4 below, the Party receiving Confidential Information (the “Receiving Party”) shall, for contract period of Three (3) years from the date of the last disclosure of Confidential Information made under this Agreement (except for personal customer data which shall remain confidential forever), use the same care and discretion to limit disclosure of such Confidential Information as it uses with similar confidential information of its own and shall not disclose, lecture upon, publish, copy, modify, divulge either directly or indirectly, use (except as permitted above under clause (2) or otherwise transfer the Confidential Information to any other person or entity, including taking reasonable degree of care and steps to:

(a) Restrict disclosure of Confidential Information solely to its concerned employees, agents, advisors, consultants, contractors and /or subcontractors with a need to know and not disclose such proprietary information to any other parties; and

(b) Advise all receiving Party's employees with access to the Confidential Information of the obligation to protect Confidential Information provided hereunder and obtain from agents, advisors, contractors and/or consultants an agreement to be so bound.

(c) Use the Confidential Information provided hereunder only for purposes directly related to the potential business venture.

4. Exclusions. The obligations imposed upon Receiving Party herein shall not apply to information, technical data or know how, whether or not designated as confidential, that:

(a) is already known to the Receiving Party at the time of the disclosure without an obligation of confidentiality;

(b) is or becomes publicly known through no unauthorized act of the Receiving Party;

(c) is rightfully received from a third Party without restriction and without breach of this Agreement;

(d) is independently developed by the Receiving Party without use of the other Party's Confidential Information and is so documented;

(e) is disclosed without similar restrictions to a third party by the Party owning the Confidential Information;

(f) is approved for release by written authorization of the Disclosing Party; or

(g) is required to be disclosed pursuant to any applicable laws or regulations or any order of a court or a governmental body; provided, however, that the Receiving Party shall first have given notice to the Disclosing Party and made a reasonable effort to obtain a protective order requiring that the Confidential Information and/or documents so disclosed be used only for the purposes for which the order was issued.

5. Return of Confidential Information. All Confidential Information and copies and extracts of it shall be promptly returned by the Receiving Party to the Disclosing Party at any time within thirty (30) days of receipt of a written request by the Disclosing Party for the return of such Confidential Information.

6. Ownership of Information. The Receiving Party agrees that all Confidential Information shall remain the exclusive property of the Disclosing Party and its affiliates, successors and assigns.

7. No License Granted. Nothing contained in this Agreement shall be construed as granting or conferring any rights by license or otherwise in any Confidential Information disclosed to the Receiving Party or to any information, discovery or improvement made, conceived, or acquired before or after the date of this

Agreement. No disclosure of any Confidential Information hereunder shall be construed by the Receiving Party to be a public disclosure of such Confidential Information for any purpose whatsoever.

8. Breach. In the event the Receiving Party discloses, disseminates or releases any Confidential Information received from the Disclosing Party, except as provided above, such disclosure, dissemination or release will be deemed a material breach of this Agreement and the Disclosing Party shall have the right to demand prompt return of all Confidential Information previously provided to the Receiving Party and in such case, the Receiving party shall be bound to return all information within 30 days from the date of such demand. The provisions of this paragraph are in addition to any other legal right or remedies, the Disclosing Party may have under the Law for the time being in force.

9. Arbitration and Equitable Relief.

(a) Arbitration. The Parties shall endeavor to settle any dispute/difference arising out of or relating to this Agreement through consultation and negotiation. In the event no settlement can be reached through such negotiation and consultation, the Parties agree that such disputes shall be referred to and finally resolved by arbitration under the provisions of the Arbitration and Conciliation Act, 1996 and the rules made thereunder from time to time. The arbitration shall be held at city of Head Office of member Bank. The language used in the arbitral proceedings shall be English. The arbitration proceeding shall be conducted by a panel of three arbitrators, each party shall appoint his own arbitrator and the two appointed arbitrators shall appoint the third arbitrator who shall act as presiding Arbitrator.

(b) Equitable Remedies. The Parties agree that in event of breach of any of the covenants contained in this Agreement due to negligence/fault/lack of the Receiving Party, the Disclosing party shall have, in addition to any other remedy, the right:

- i) To obtain an injunction from a court of competent jurisdiction restraining such breach or threatened breach; and
- ii) To specific performance of any such provisions of this Agreement. The Parties further agree that no bond or other shall be required in obtaining such equitable relief and the Parties hereby consent to the issuance of such injunction and to the ordering of specific performance.

(c) Legal Expenses: If any action and proceeding is brought for the enforcement of this Agreement, or because of an alleged or actual dispute, breach, default, or misrepresentation in connection with any of the provisions of this Agreement, each Party will bear its own expenses, including the attorney's fees and other costs incurred in such action.

(d) Indemnification: The Receiving Party shall indemnify the Bank and hold the Bank harmless against any loss caused to it as a result of the non-performance or improper performance of this Agreement by the Receiving Party, or its servants or agents to perform any aspect of its obligations forming part of the subject matter of this Agreement.

10. Term. This Agreement may be terminated by either Party giving sixty (60) days' prior written notice to the other Party; provided, however, the obligations to protect the Confidential Information in accordance with this Agreement shall survive for a period of three (3) years from the date of the last disclosure of Confidential Information made under this Agreement (except for personal customer data which shall remain confidential forever).

11. No Formal Business Obligations. This Agreement shall not constitute create, give effect to or otherwise imply a joint venture, pooling arrangement, partnership, or formal business organization of any kind, nor shall it constitute, create, give effect to, or otherwise imply an obligation or commitment on the part of either Party to submit a proposal or to perform a contract with the other Party or to refrain from entering into an agreement or negotiation with any other Party. Nothing herein shall be construed as providing for the sharing of profits or loss arising out of the efforts of either or both Parties. Neither Party will be liable for any of the costs associated with the other's efforts in connection with this Agreement. If the Parties hereto decide to enter into any licensing arrangement regarding any Confidential Information or present or future patent claims disclosed hereunder, it shall only be done on the basis of a separate written agreement between them.

12. General Provisions.

(a) Governing Law. This Agreement shall be governed by and construed in accordance with the laws of India.

(b) Severability. If one or more of the provisions in this Agreement is deemed void by law, then the remaining provisions shall remain valid and continue in full force and effect.

(c) Successors and Assigns. This Agreement will be binding upon the successors and/or assigns of the Parties, provided however that neither Party shall assign its rights or duties under this Agreement without the prior written consent of the other Party.

(d) Headings. All headings used herein are intended for reference purposes only and shall not affect the interpretation or validity of this Agreement.

(e) Entire Agreement. This Agreement constitutes the entire agreement and understanding of the Parties with respect to the subject matter of this Agreement. Any amendments or modifications of this Agreement shall be in writing and executed by a duly authorized representative of the Parties.

(f) Jurisdiction of Court: All disputes under this Non-Disclosure Agreement are subject to the jurisdiction of Courts at City of Head office of Individual member Bank in India.

(g) Two original sets of Non-Disclosure Agreement are executed and retained by either parties, Bank and _____ (*the selected vendor*)

The Parties, by the signature of their authorized representatives appearing below, acknowledge that they have read and understood each and every term of this Agreement and agree to be bound by its terms and conditions.

For and on behalf of

.....

Signature: _____

Name: _____

Designation: _____

Date: _____

For and on behalf of

.....

(the selected bidder)

Signature: _____

Name: _____

Designation: _____

Date: _____

ELIGIBILITY COMPLIANCE

Sl. No.	Criteria	Proof of Documents required/ must be submitted	Compliance Yes/ No
1.	The Bidder for all categories should be a company registered under Companies Act 1956/2013 since the last three years as on date of RFP submission.	Certificate of Incorporation, PAN, TAN, GSTIN Certificate and any other tax related document if applicable, to be submitted.	
2.	The bidder for all categories submitting the offer should have minimum average turnover of Rupees 100 Crores for the last three financial years i.e. 2016-17, 2017-18 & 2018-19. This must be the individual company turnover and not of any group of companies.	Copy of audited balance sheet of the financial year 2016-17, 2017-18 & 2018-19.	
3.	The bidder for all categories should have positive net-worth in all of the last 3 Financial years (2016-17, 2017-18 & 2018-19).	Copy of audited balance sheet of the financial year (2016-17, 2017-18 & 2018-19).	
4.	The bidder for all categories should be a Telecom Bidder and should have a valid DoT, Indian Government License to provide National Long Distance services in India. The validity of the license should be more than five years from the date of this RFP. In case the bidder has license where validity is less than 5 years, a declaration should be submitted by the bidder regarding obtaining renewal/fresh license.	Copies of the licenses to be provided along with self-attestation by the authorized signatory with company seal. In case of license validity less than 5 years, bidder to submit undertaking for submission of renewed/fresh license copy to Bank.	
5.	The bidder for Category A link should have commissioned the proposed link which should be	Purchase order and execution certificate from existing customer(s). Number	

	running in at least 500 MPLS links over wired/wireless (offered media) as last mile in Public / Private Sector Bank /Financial Institutions/ Government Organization within India as on RFP submission date. Out of this 500 MPLS Links bidder should have commissioned at least 300 Links in Public / Private Sector Banks.	of Purchase order may be more than one to reach the count of 500, execution certificate for each order to be submitted.	
6.	The bidder for Category A link should have an experience of minimum 2 year in providing proposed MPLS VPN connectivity in India.	Purchase Order and Work Completion certificate /work Satisfaction letter from the client confirming the same, shall be submitted.	
7.	The bidder for Category A link should have minimum 50 nos. of MPLS POPs across India.	Necessary address & contact details to be submitted.	
8.	The bidder for Category A link should have MPLS link feasibility in minimum of 50% of total sites as mentioned in Annexure V.	Bidder has to submit Feasibility report as per (technical template) Annexure 'Q'. Bank reserves the right to cross check the feasibility of branches on random basis. However, it will be sole responsibility of selected bidder to commission links as per their feasibility report.	
9.	The Bidder for Category A & B link should have their own nation-wide high availability MPLS network backbone . The bidder's core MPLS backbone should be fully meshed.	Bidder has to submit the declaration for this clause during bid submission.	
10.	The bidder for Category B type of link should have deployed proposed MPLS link on 4G/5G media in at least 200 branches/offices as last mile in Public / Private Sector Bank /Financial Institutions/ Government Organization	A. Purchase order and execution certificate from existing customer(s) for confirming the same. Also, Satisfactory letter along with the POs and execution certificate also to be submitted by the bidder.	

	within India as on RFP submission date. Out of this 200 Links, bidder should have commissioned at least 100 Links in Public / Private Sector Banks.		
11.	The bidder for Category B type of link should have their own operational 4G/5G based MPLS network . The bidder also must have valid NLD license to operate 4G/5G based MPLS network in India and should be valid throughout the contract period.	Copy of license should be submitted	
12.	The bidder for Category B type of link should have proposed link feasibility in minimum of 60% of sites as mentioned in Annexure V .	Bidder has to submit Feasibility report as per (technical template) Annexure 'Q'. Bank reserves the right to cross check the feasibility of branches on random basis. However, it will be sole responsibility of selected bidder to commission links as per their feasibility report.	
13.	The Bidder for all categories should have their own & independent full-fledged "Network Management Centre (NOC/NMC)" , round the clock (24x7) manned by skilled & technical manpower, for efficient central & remote monitoring, configuration, diagnosis troubleshooting and performance management of backbone network and last mile network of customers.	Necessary details such as location details, Technology used & resources deployed etc. to be submitted.	
14.	The Bidder for all categories should have preferably service support centre covering all 42 Zones mentioned as per the Annexure - P and undertake to	List of Support Service Centre with Address & contact details, Manpower Strength should be specified in Annexure - P covering all	

	provide seamless service to branches from the service support centres.	Zones.	
15.	The Bidder for all categories should not have been debarred/black-listed for corrupt and fraudulent practices by any Bank / Govt. / Govt. agency/PSUs Bank(s)/Financial Institutions in India as on RFP submission date.	An undertaking to this effect must be submitted on company letter head duly signed & stamp. Please refer as per the format of Annexure – “F” .	
16.	The bidder should ensure that there are no legal proceedings / inquiries / investigations have been commenced / pending against selected bidder by any statutory or regulatory agencies which may result in liquidation of company / firm and / or deterrent on continuity of business.	Declaration in the letterhead of the bidder's company to that effect should be submitted.	

RFP for Supply, Commissioning, Maintenance & Management of MPLS Link on WIRED/RF AND 4G/5G (SINGLE SIM BASED)**RFP Ref No. DIT/BPR & BTD/OA/2805/2020-21 dated: 04/01/2021**

Support at each locations / Offices					
Sl no.	Zonal Office	Owned / Franchise	Phone / Mobile / Fax No and E-mail with communication address	No of Technical staff with Name	Status of Office Working Days & hours
1	Agartala				
2	Ahmedabad				
3	Ajmer				
4	Bangalore				
5	Balasore				
6	Begusarai				
7	Bhagalpur				
8	Bhopal				
9	Bhubaneswar				
10	Burdwan				
11	Chandigarh				
12	Chennai				
13	Coimbatore				
14	Dehradun				
15	Dharamshala				
16	Ernakulam				
17	Guwahati				
18	Haryana				
19	Hoogly				
20	Hyderabad				
21	Indore				
22	Jaipur				
23	Jalandhar				
24	Jodhpur				
25	Jorhat				
26	Kolkata				
27	Kanpur				
28	Lucknow				
29	Meerut				

30	Mumbai				
31	Nagpur				
32	New Delhi				
33	Patna				
34	Pune				
35	Raipur				
36	Ranchi				
37	Salt Lake				
38	Sambalpur				
39	Shimla				
40	Surat				
41	Suri				
42	Varanasi				

TECHNICAL REQUIREMENT

SL No	Technical requirement (For Category A & B)	Compliance (Yes/No)
1.	The bidders are expected to do a site survey for feasibility and for installation of the required equipments. They should clearly mention the required equipment/s that will be deployed during commissioning. The charges towards cabling & other activities should be included in the cost of link.	
2.	Bidders shall have to submit proposed MPLS link feasibility report for category A & B link for all branches separately. Desktop feasibility will not be accepted	
3.	The bidders are expected to do a site survey for feasibility and for installation of the required equipments. They should clearly mention the required equipment/s that will be deployed during commissioning. The charges towards network equipments, accessories, cabling & other activities should be included in the cost of link	
4.	Any deviation with respect to feasibility report submitted such as wired to wireless, increase in pole height, declared as feasible, etc. but later during the implementation of the project found to be non-feasible, will not be accepted. The selected bidder shall be penalized for the deviation	
5.	Bidder should provide connectivity through wire line or stable wireless media meeting the bandwidth, latency, uptime, secured connectivity aspects etc. and other requirement mentioned in this RFP. <ul style="list-style-type: none"> For the branches where MPLS on Wired/RF is not feasible at all, Bank may decide to go for 4G/5G (Single SIM Based) as last mile 	
6.	The prospective bidder shall establish the VPN Network and should be capable of maintaining it for a period of at least 3 years, based upon performance, Bank may extend the contract for further period on same terms and conditions on mutually agreed prices	
7.	For Category A & B - link provided by bidder should be fully isolated from Internet traffic even if running on the same core/backbone. It is desired that same PE Router does not run both customer VPN traffic and Internet traffic. The VPN network offered to the Bank should not carry any internet routes. The bidder has to provide network topology showing how internet traffic is segregated from proposed MPLS cloud.	
8.	Branches connected through offered MPLS link should communicate each other directly without coming to Data Centre i.e. any to any communication.	
9.	Selected bidder should provide connectivity with minimum number of "hop" for all links.	
10.	Bank expects minimum number of hop count while routing packets through network.	
11.	All the POPs from where the bandwidth is provided to Bank should have redundancy of equipments, links, power, backhaul connectivity etc. Bidder should submit an undertaking for the same.	
12.	The network of bidder should not be linked with any type of network from BSNL/MTNL at core / distribution / access / last mile level at any location	
13.	The backhaul link to be terminated at Bank's data center at Bangalore & Disaster Recovery Center at Kolkata should be of Optical Fiber media only with self-healing	

	ring based architecture. The last mile should be coming via two different physical paths. A diagram showing path redundancy at our data center should be submitted with technical bid. Any cross-connect charges, if required to terminate the link at our Bangalore & Kolkata Data center, will be borne by the selected bidder.	
14.	<p>The bandwidth of backhaul link is factored as 20 Mbps and bidder to quote the cost of the same in commercial bid. Bank shall place order for backhaul in tranche of 20 Mbps as per the requirement. For existing vendor, existing Backhaul Links to be utilized which may be upgraded as per requirement at mutually agreed terms. Bidder shall ensure to upgrade the bandwidth of DC and DR backhaul links to minimum 2 times of bandwidth (i.e. 2 times of (Total links X 2 Mbps)) during the contract period at any point of time. Necessary network devices such as Router/Mux/Rack along with necessary cabling and Battery Backup as per Industry Standard to be provided by Bidder without any additional cost.</p> <p>Note: The existing empanelled service providers, who participates in this process and have already provided the Backhaul links for the branch connectivity under previous contracts and intended to use the existing backhaul links under this project, can augment the capacity of existing backhaul proportionately with the count of branches/links which are commissioned under this RFP with the prior consent of Bank. Bank can further investigate such proposals/ solution as per the Information security norms and may take decision accordingly. However, if additional backhaul bandwidth is required for running the branches under this RFP Bank shall place order with the selected bidder in tranche of 20 Mbps. Further, Bank shall pay the cost of Backhaul bandwidth based upon the lowest rate between the existing (with which Bank is paying currently to the respective vendor) and the discovered rate (from this RFP).</p>	
15.	For Category A & B, the connectivity provided by the bidder has to be Layer 3 MPLS solution on dedicated ports with 1:1 full duplex committed information rate with end point as Ethernet. The circuit should be available in full duplex mode with sending and receiving available on the same circuit. (For e.g. - On a 2 Mbps circuit, 2 Mbps sending and 2 Mbps receiving should be possible simultaneously).	
16.	The selected bidder shall provide committed bandwidth at each location and make it available continuously. Bidder should ensure that committed bandwidth subscribed by Bank is always available for use. Bank may test the load on the links from time to time. In case of bandwidth subscribed by the branch is not available at any time, the duration of non-availability of committed bandwidth will be treated as downtime of the link. Penalty on downtime will be enforced accordingly.	
17.	The bidder is required to specify if bursting is available as a supported service. If so, bidder may define the process and specify the lead- times for requesting bursts. The bidder may also confirm the flexibility to dynamically allocate bandwidth to the Bank on demand either on a permanent or temporary basis.	
18.	A separate VPN is to be created only for Bank network and in no way the VPN should be shared with other customers sharing the MPLS backbone. Bank MPLS Network must be accessible to Bank nodes only. Bank has implemented IPSEC VPN in its existing network. Bank will also run IPSEC VPN on this MPLS link and there should not be any dependency from bidder/ bidder on this implementation while integrating their MPLS network. Further, there should not be any dependency on the bidder if Bank decides to implement other VPN variants like GETVPN, DMVPN or any other such technology.	
19.	The initial bandwidth of each category link at branch end should be according to the bandwidth mentioned in Annexure – V . The bandwidth must be capable of upgrading at a later stage as and when required by the Bank.	

	Bidder needs to have a co-ordination with Bank's existing network system integrator for integrating proposed links with present infrastructure in order to run the branches/offices smoothly	
20.	Bank desires to subscribe network connectivity for the branches / offices across the country; hence the selected bidder should work seamlessly throughout the country.	
21.	Any extra material required for the project execution not mentioned in the commercial bid, shall be supplied and deployed by the bidder at no extra cost to Bank.	
22.	Bidder must ensure that it will use products that are intrinsically safe and are approved for use in these locations. It must adhere to Government of India safety regulation and should use earthing for all its masts.	
23.	If the last mile is on wireless, bidder has to ensure that no other Radio equipment causes interference and should not be able to trap the wireless signals used for Bank's network. Bidder has to ensure the secure end to end encryption for wireless network.	
24.	When the location which is connected using Wireless last mile and if subsequently wired connectivity become feasible the vendor has to convert the last mile to wired link at no additional cost to the bank.	
25.	Bidder should provision all equipment required to provide the wireless connectivity at branch/office for getting usable wireless signal strength i.e. internal/external cabling and antenna etc.	
26.	Bidder will monitor the links on a near real-time basis (Proactive Monitoring) and Bidder must have their own Network Operation Centre for monitoring of the Network. Bidder will monitor all the links from their NOC through NMS and submit the reports like Uptime, Bandwidth utilization, Link error, latency, etc. on monthly basis and as per the Bank's requirement. Bank will provide the SNMP access (read only) of the router for monitoring of the link. All the locations are to be monitored on 24x7x365 . Bidder should provide site-wise network link usage and uptime.	
27.	The bidder shall build and provide to the Bank and Bank's Network Integrator access to an online monitoring portal where link status such as link up or down, down since, reason for down, expected time for resolution (ETR), last mile bidder, circuit ID, incident number etc. shall be available in a graphical format. The portal should also provide downloadable SLA reports for each month for the entire duration of the contract. It should also have the capability of generating reports in different formats (including PDF) as required by the Bank. The portal shall also display up-to-date contact details of the helpdesk and single point of contact (name, designation, telephone numbers, Email ID) as well as the escalation matrix. This information shall be used by the Bank/NI to seek support, log complaints etc. This portal should be made available within 30 days from the date of issuance of PO/Lol.	

28. The bidder shall respond on the issues/complaints lodged by the Bank/NI as per the following severity matrix :

Technical Severity Level	Time to Respond
Level 1 (High)	15 minutes
Level 2 (Moderate)	30 minutes
Level 3 (Low)	60 minutes

TECHNICAL SEVERITY LEVEL	DESCRIPTION	EXAMPLES
Level 1	Non-availability of network connectivity to one or more locations as specified in Section of Scope of Work of this RFP and all network issues pertaining to the Bank's DC.	Isolation of a location on account of link failure.
Level 2	Major performance degradation in the services	Breach in performance parameters (e.g. high latency, flapping of links, etc.) with significant impact on the functioning of one or more locations as specified in Section of Scope of Work of this RFP.
Level 3	Minor performance degradation in the services	Breach in performance parameters with no or minimal impact on the functioning of one or more locations as specified in Section 1.3 of Scope of Work of this RFP.

29. The bidder has to ensure the availability of adequate number of resources (at NOC & Sites) till the link is commissioned and stabilized. However, bidder is required to make available the engineers/resources at the site during the installation, commissioning of the links and whenever there is a requirement for in person presence for either troubleshooting or any other reason. Engineer should have adequate knowledge for configuration of devices at Branch side.

30. Besides monitoring from NOC, bidder should provide Manpower for monitoring links on daily basis during Monday to Saturdays 9 A.M to 8 P.M at Bank NOC Centre as per following criteria.

Link	Minimum resource
No. of link ≤ 200	1
$200 < \text{No. of link} \leq 500$	2
More than 500 links	3

Bidder's resource is required to co-ordinate with Bank's Network System Integrator for link related efforts and issues.

The selected bidder has to adhere to the Law of the Land and Labor Law of the Government as applicable for the project. **Services may be required on Sundays/holidays also, whenever required.**

31. Brief roles and responsibilities of resources are as given:
- Monitor all allotted branches links with due diligence and take follow-up with their backend team for immediate restoration of all such down links as per the SLA uptime.

	<ul style="list-style-type: none"> ➤ Contact branches/offices/end users to understand the problem while identifying fault. ➤ Allocate the down-call to all concerned regional engineers for immediate action. ➤ Responsible for all technical issues concerning the network. ➤ Point of contact for all technical queries and fault resolution. ➤ Shall have the primary responsibility for ensuring a smooth network functioning without congestion and downtime. ➤ To provide all kind of SLA reports to the designated Bank team as per the schedule and as and when required by the Bank. 	
32.	<p>The Bidder should also ensure the availability of a dedicated Project Manager and an Alternate Project Manager. The duties and responsibilities (indicative list) would include the following:</p> <ul style="list-style-type: none"> • Responsible for the smooth project roll out. • Single point of contact nationwide, for any project related issues. • Single point of contact for any escalations Pan – India. • Ensuring committed delivery on the project rollout. • Ensuring committed delivery on the network uptime. • Required to attend Bank NOC on all working days of the Bank and also on other days during exigencies. 	
33.	<p>Selected Bidder should log a call automatically in case of any issue without waiting for customer complaint and should ensure the necessary action for restoration of the same. Selected Bidder should also inform to the Bank through mail, SMS, etc.</p>	
34.	<p>Bidder's network should support Incident management: Prevention mechanism for miss-configuration, Alert mechanism should be in place for any incident occurred etc., every incident reported should be notified to Bank and documented, System should have capability to send alerts through email and SMS to respective authorities/stakeholders.</p>	
35.	<p>Bidder should have adequate field engineer for restoration of links with skilled knowledge and prior experience. Bank Branch or offices, link should not remain isolated due to the requirement of Field engineer at any point of time. There will be no engineer visit charges in any case.</p>	
36.	<p>Followings to be furnished by the successful bidder :</p> <p>Reports:</p> <ul style="list-style-type: none"> • Frequent problem analysis report- Monthly • Links for which BW utilizations is reaching threshold limit- Daily • RCA (Root Cause Analysis) report of each and every incident- Within 3 days. • ATR (Action Taken Report) of each and every incident- Within 3 days. • Top 10 incidents/ alerts- Daily <p>Network performance:</p> <ul style="list-style-type: none"> • Uptime/ downtime report with reasons- Daily • Network health check report- Weekly • (Mean Time between Failure) MTBF analysis. <p>Online dashboard:</p> <p>Online dashboard that shows the health of the links. System must also trigger</p>	

	<p>detailed alert SMS and e-mail to identified officials of the Bank.</p> <ul style="list-style-type: none"> • Response time report. • Downtime/Uptime report on real time. • SLA performance report. • Real Time Monitoring of utilization 	
37.	Supply, installation and configuration of WAN end point equipments such as modems, last mile equipment etc. would be done by the selected bidder. IP address used on branch/office end shall remain same as per the existing schema implemented in Bank at all the branches/offices. The same shall be shared to the successful bidder during implementation.	
38.	The Routers will be provided by the Bank in Bank's Premises. Bidder should terminate link in Bank existing router Ethernet interface.	
39.	The bidder shall keep the price valid for entire contract period from the date of issuance of LOI (Letter of Intent). Bank may procure additional links during the period, Bank reserves the right to place an order for additional of up to 25% (Twenty Five percent) of the projected no. of branches with the bidder/s at the discovered price, terms and conditions during the contract period. Any decision of Bank in this regard shall be final, conclusive and binding on the selected bidder	
40.	<p>The proposed network by the bidder should support:</p> <ul style="list-style-type: none"> a) All web and client-server based application b) Video Conferencing c) Voice over IP (VOIP) d) End to end QOS e) IPsec 	
41.	The VPN should support any to any connectivity and should be a closed user group for Bank and should not have any physical and logical interference with other customers of the Internet route/traffic.	
42.	The architecture used for the complete solution should be end to end enabled with layer-3 routing domain (end to end transparent layer-3 routing using static and dynamic routing). Additionally, the bidder shall ensure that there shall not be any restriction on the number of routes that needs to be maintained on devices under the control of the bidder for all practical purposes.	
43.	The solution should provide end to end transparent data reachability, voice, video etc. (no filter of traffic from SP).	
44.	The bidder should provide Ethernet connectivity over RJ45 interface to connect Bank's branch router to the network as well as at data centers also. Cables with required interfaces have to be arranged by the selected bidder.	
45.	Bidder has to replace/repair faulty/damaged equipment at the bidder's own cost, irrespective of the reason of fault/damage within the SLA time limit, during the contract period. However, the "force majeure" clauses will apply. In any case, the bidder will have to arrange for replacement of the faulty/defective equipment at the earliest. External antennas should have proper lightning conductors, wherever necessary.	
46.	During the contract period, the Bank reserves the right to add/upgrade/replace/move any or all hardware components installed at the specified locations. In such eventuality, the bidder shall be obliged to carryout necessary activities for facilitating such operations (if required) as advised by the Bank from time to time, at no extra cost to the Bank.	
47.	Bidder shall meet all the Govt. or other Regulatory directions/ requirements and ensure its compliance.	
48.	The bidder shall ensure multicast support in their MPLS network (regardless of the multicast types such as dense mode, sparse mode etc.) at no additional cost to the Bank.	

49.	The connectivity should be capable of provide end to end Quality of Service (QoS) for critical applications.	
50.	The connectivity should be capable of providing End to end differentiated services code point (DSCP) and class of service (CoS) continuation.	
51.	Bidder should use Simple Network Management Protocol version 1 & 2 (SNMP v1, v2 & v3) managed devices for end to end communication from the branch to data centre of Bank for the proposed wireless solution	
52.	Bidder's network should support dynamic routing protocols like Open Shortest Path First (OSPF), Border Gateway Protocol (BGP) etc.	
53.	The bidder should be able to change the routing protocol in their MPLS network cloud without any hiccups i.e. branch to DC or DR site and vice versa.	
54.	Bidder's network should support access control list (ACL) Support, SNMP v1 & v2 support Network Time Protocol Version 4 (NTPv4), Syslog, Ping, Trivial File Transfer Protocol (TFTP), Secure Shell version 2 (SSHv2) and Internet Protocol version 6 (IPv6) support etc.	
55.	Bidders shall setup weekly meeting with bank officials till Project rollout or	
56.	implementation. After implementation of complete solution, bidder has to ensure monthly review meeting with bank officials. Bidder has to ensure the monthly meeting should be attended by National level officials from bidders end.	
57.	The proposed solution should be IPv4 and IPv6 compliant.	
58.	Based on the requirements of the bank the Bidder(s) should migrate the network to IPV6 without any additional charges.	
59.	Network devices should be updated with latest firmware and security patches.	
60.	Bidders network equipments used in Bank's network are to be upgraded time to time to avoid any potential threats in the network with no additional cost to the bank ,Process for performing update should be maintained and approved by Bank.	
61.	In case of radio frequency (RF) connectivity, bidder may provide point to point or point to multi point connectivity provided it adheres to the terms and conditions mentioned in the RFP, like committed bandwidth, security parameters etc.	
62.	Security being prime concern, Solution should not breach the security of any installations of Bank in any way.	
63.	The bidder should provide all security measures for bank's MPLS VPN network which should prevent against all kind of attacks like malware attacks, DDOS, IP spoofing etc.	
64.	In future, bank may carry out design modification and/or application addition to the bank network, including modification for the security policy implementation. Accordingly vendor should carry out necessary configuration changes in the MPLS network, as advised by the bank time to time and no additional cost will be borne by the bank in this regard.	
65.	During the contract period, the vendor may offer Bank to upgrade the system, if better technology available at mutually agreed terms and conditions.	
66.	During the contract, if bidder upgrades its own system then connectivity should be available at DC/DR/Branches/offices without any changes at DC/DR/Branches/offices level, however, if any upgradation/changes has to be done it should be without any additional cost and with prior approval from Bank.	
67.	The bidder shall commission the link using proper tagging and labelling . The bidder shall provide necessary equipment (excluding routers and switches) required for commissioning of the links at specified locations without any additional cost to the Bank.	
68.	Bank will only provide Rack space, required earthing voltage and UPS Power supply for installation or commissioning of required links in branches/offices. All	

	other required infra should be arranged by bidder at no extra cost to Bank. Bank will not take any responsibility for installation of MUX/MAST/RF antenna/ Modems etc. Bidder should take adequate insurance for deploying hardware at no cost to Bank for preventing the equipment from any kind of damages.	
69.	Any damage to the network devices/spares involved in establishing the link, arising out of electrical/lighting/voltage/Earthing issues needs to be replaced by the bidder free of cost.	
70.	"Site Survey, "Installation Certificate" and "Acceptance report for successful commissioning" must be maintained by the selected bidder for future references. The formats would be finalized in consultation with the Bank. This shall be one time activity and the date of successful commissioning of link as these documents shall be considered as the billing's start date.	
71.	The successful bidder shall provide all the necessary support for facilitating in carrying out fail-over testing of the links by the Bank's network SI.	
72.	The successful bidder shall provide update on the work-in-progress with regard to the commissioning of each and every link post the issuance of PO/LOI on a weekly basis so that the Bank has clear visibility of the work being carried out. It should, inter-alia, contain at least the following details: Link address, proposed date of completion of commissioning, activities completed, dependency (if any), current status, reason of delay (if any).	
73.	The bidders are expected to do a site survey for feasibility and for positioning of the terminating equipment. They should clearly inform about the equipment that will be deployed with its physical, electrical and any other related information.	
74.	Bidder has to deliver the link up to the router and terminate on the required interface of branch router with prior approval from Bank and ensure connectivity as per the specifications of this RFP in co-ordination with Bank's network team and network SI.	
75.	Bidder must ensure that it will use products that are intrinsically safe and are approved for use in these locations. It must adhere to Government of India safety regulation and should use earthing for all its masts.	
76.	Bidder should do all internal cabling till branch router for successful commissioning of the required MPLS link without any additional cost to the Bank. Bidder should provide all required cables for connecting the modem or any external device to Branch router for termination of link at no extra cost to the Bank. Cabling should be done properly with dressing, any wire coming inside the premises from Antenna or any other devices should come through conduit which has to be provided by the selected bidder.	
77.	During the tenure of the contract or till the link(s) is/are being used at the site(s), the bidder shall bear all the operational costs associated with commissioned link(s). The Bank shall pay only the fixed recurring cost and one-time shifting charges (wherever applicable) for the commissioned links	
78.	All clearances, wherever required, in respect of the mast/pole/antenna from Landlord, any government/local/statutory bodies etc. like municipal corporations, airport authorities are the responsibilities of the Bank. However bank may seek involvement of bidder for obtaining such clearance / permission	
79.	Bidder shall ensure that all supplied hardware, software etc. must not be End of Support / End of Service and spares/upgrades should be available for at least 5 years from date of commissioning, otherwise proper replacement without any cost to bank to be done by bidder	
80.	The network equipment shall support Packet Filtering, TCP spoofing, IPv4 & IPv6 both, QoS on both inbound and outbound traffic and other industry standard protocol.	

81.	Dedicated IP addressing scheme for WAN link will be provided by the Bank. Required connections to terminating the link on Router/Switch (provided by the Bank) should be done by bidder. After installation of network equipment at branches bidder has to ensure that banks application are working properly.	
82.	In future, if the bidder gets involved in Regulatory issues / Licensing issue with any Govt/Law enforcing agency/ Regulatory authorities, it is the responsibility of Bidder to replace / substitute the wire/wireless Technology at no additional cost to the Bank without compromising SLA and security.	
83.	The bidder shall provide a high level network design document capturing CPE details, PoP details including interface/port (on which the link shall be terminated), CoS/QoS details etc. for providing connectivity between each of the office/branch. This document needs to be submitted by the bidder within 1 month of issuance of the Lol/PO and should be updated from time to time as and when there is any change in the network/details captured in the document.	
84.	The bidder has to maintain proper documentation having correct and latest information on network architecture such as logical & physical setup for each location, master database of all the sites along with inventory of links (from/to location details), bandwidth details, physical ports on which the link has been terminated, circuit ID, IP addresses, register containing incident and their resolution details etc. at a central location throughout the currency of the contract. Additionally, bidder shall maintain duly signed copies of certificates/reports such as "Site Survey", "Installation Certificate", "In Operations Certificate", "Acceptance report for successful commissioning" etc. with themselves for future references. Such documentation in the format prescribed by the Bank shall be provided to the Bank/SI on regular basis and/or on demand.	
85.	The bidder shall have robust, resilient and redundant network architecture with built-in redundancy at various levels including at network component level, site level etc. The bidder shall provide their Disaster Recovery (DR) and Business Continuity Plan (BCP) specific to the Bank detailing as to how the connectivity and other allied services as specified in this document shall be provided to the Bank seamlessly even in event of a disaster in their network and/or their NOC. Additionally, the bidder shall provide extra support and cooperation during the Bank's DR drills/exercises (if required).	
86.	The bidder shall be equipped with the followings to deal with exigencies : <ul style="list-style-type: none"> ✓ Proactive Disaster Risk reduction measures. ✓ Meticulous preparedness: Availability of spares & Manpower deployment. ✓ Disaster resilient sound framework with effective response. SOP (Standard Operating Procedure) for such situations	
87.	The bidder shall confirm in writing that all the MPLS PoPs, on which the MPLS links have been terminated, have redundancy at various levels including equipment-level, link-level, power-level, and path-level.	
88.	The bidder shall ensure network performance optimization (in terms of network latency, packet loss, jitters, bandwidth etc.) including enhancements in CoS/QoS as per the requirements of the Bank. By Optimization the Bank intends that the Bidder should perform network optimization to boost network efficiency without acquiring additional or expensive hardware or software at the customer premises (i.e. optimization to be achieved through configurational changes to the extent possible or as a part of successful bidder's infrastructure upgrade).	
89.	Bank, at its discretion, may surrender any link at any location at any time by giving the bidder a notice period of 30 days.	
90.	The Bank reserves the right to place Purchase Order (PO) for lesser number of links than the number of links/locations specified in this of RFP document. Also, the Bank	

	may issue multiple POs during the contract period.	
91.	<p>The bidder shall perform various activities to maintain the quality of the services being provided to the Bank at its own cost. The quality management activities include:</p> <ol style="list-style-type: none"> Reduction in the effort required for incident management. Prediction of network problems based on the inputs/feedback being received from the Bank/NI with impact on different branches/offices. Building a system to tackle service outages in an effective and efficient manner. Identification of areas with frequent problems and formulate strategies to overcome the same. The Bank reserves the right to amend the above mentioned activities or include new activities at its discretion during the currency of the contract 	
92.	Bidder has to carry out Preventive maintenance of each site in every quarter, Preventive maintenance at any location should be done only with prior concurrence of the bank. The preventive maintenance report which should be properly sealed and signed by concerned branch officials along with dates and any remarks. These reports should be submitted during the Invoice submission for claiming the payment for every quarter. In absence of the Preventive maintenance report, the payment may not be released for that particular site.	
93.	Bidder should provide one week minimum advance intimation to bank designated team for carrying out any maintenance activity in bidder's network. Such activity should not be more than 3 hours on single occasion and bidder should ensure such activity should be carried out during lean business hours preferably between 01.00 AM to 04.00AM without impacting bank's business. Two activities in a year would be permitted by bank with a duration of one hour. Bidder should ensure availability of network after the completion of maintenance activity for all branches and offices. After completion of the activity bidder has to submit the activity report to bank designated team, such reports should state the availability of network for bank branches and offices	
For Category A Link		
1	Latency should not be more than 75 ms (End to End i.e. Branch router to DC & DR router) for a 1500 byte packet size measured for a minimum of 1000 packets. Tool should be provided to bank for monitoring the same on real-time basis at no additional cost to the bank.	
2	In case of MPLS on wired/RF connectivity , Bank prefers wired connectivity (fiber/copper) as last mile at branches. In case of non-feasibility of wired media, the Bank shall consider the stable wireless technology (RF) with licensed band that has been successfully implemented in private/public sector Bank/Financial Institution/ Govt. of India. Bidder has to ensure that no other Radio equipment causes interference to wireless signals or trap the wireless signals used for Bank's connectivity.	
3	The bidders should have their own nation-wide high availability MPLS network backbone. The bidder's core MPLS backbone should be fully meshed. Bidder has to submit the declaration for this clause during bid submission.	
4	The connectivity provided by the bidder has to be Layer 3 MPLS solution on dedicated ports with 1:1 committed information rate with end point as Ethernet.	
5	For the pole to be installed in the branch roof top for Wireless link (RF), the height of pole should not be more than 09 meters.	
6	The bidder will ensure that each location is within a radius of 5 kilometers from any of their BTS/Repeater Towers. However, for flatland rural areas, the radius may be	

	extended up to 10 kilometers. Such BTS/Repeater should be in line of sight of Bank's location.	
7	Pole/Tower removal, in case of shifting of branch or termination of link has to be done by Bidder without any additional cost to the Bank.	
8	In case of Pole/Tower fell down due to natural calamity, removal and reinstallation of Pole/Tower has to be done by Bidder without any additional cost to the Bank.	
9	Minimum bandwidth for MPLS on wired/RF connectivity at last mile should be 2048 Kbps in full duplex for branches.	
10	Average end to end packet loss should not be more than 10 in 1,000 for wireless connectivity with IMIX packets measured for a minimum of 1000 packets	
11	Average Jitter of the connectivity should be less than 45ms measured for a minimum 1000 packets.	
12	The MTU (maximum transmission unit) size should be 1500 bytes.	
13	In case of shifting of a branch to new location where feasibility on wired/RF is not available then some alternate arrangement like 4G/5G or any other connectivity should be made available to that branch by the bidder itself. The rates of alternate connectivity shall be applicable as per RFP norms. However, before providing connectivity over other technologies (i.e. apart from wired/RF) bidder need to take prior approval from Bank.	
14	Bidder shall provide, without any additional cost to the Bank, adequate protection for the masts/pole/antenna like Platform Snow Shield/ other obstructions wherever necessary, to prevent disturbances to the alignment causing communications failure. Any other equipment which are not mentioned in this RFP but are required for making the branch/ office live on the network via wired/wireless link shall be provided by the selected bidder at no extra cost to the Bank	
For Category B Link		
1	Latency should not be more than 100 ms (End to End i.e. Branch router to DC & DR router) for a 1500 byte packet size measured for a minimum of 1000 packets. Tool should be provided to bank for monitoring the same on real-time basis at no additional cost to the bank.	
2	Minimum band width for 4G/5G as last mile should be 2048 Kbps full duplex for branches.	
3	MPLS link on 4G/5G should be configured in active-active or active-passive mode with auto failover mechanism with the existing BSNL/MTNL/Sify/JIO/Airtel/Other MPLS link at branches/offices.	
4	The proposed solution must be capable to eliminate the building penetration losses and indoor propagation losses resulting in significantly higher signal strength and high throughputs for the users.	
5	Auto failover configuration will be done at router level by the Bank however, bidder should support the same. Bidder should complete feasibility as per annexure – V	
6	<p>The bidder should ensure that the proposed solution complying with following security aspects:</p> <ul style="list-style-type: none"> ➤ For the connectivity of Branches to Bank's network where no other options are available for secondary link, SIM(GSM) based option to be provided keeping the following security steps: - <ul style="list-style-type: none"> ➤ Mobile Network based Wireless (GSM) MPLS VPN connection / solution should have strong password protection. ➤ Static Private IP: The Mobile Network based Wireless (GSM) MPLS VPN connection / solution should have static Private IP. Bidder shall also ensure that the IP addresses used shall not 	

clash with Bank's IP addresses that are already in use. The successful bidder shall ensure that the address space between two nonintersecting VPNs of an MPLS VPN service is entirely independent of each other. For instance:

- e. Any VPN must be able to use the same address space as any other VPN.
- f. Any VPN must be able to use the same address space as the MPLS core.
- g. Routing between any two VPNs must be independent.
- h. Routing between any VPN and the core must be independent.

- Non-Internet: The Mobile Network based Wireless (GSM) MPLS VPN connection / solution should not be accessible/open to Internet at any point.
- No Voice and No SMS Service: The network should not be voice or SMS enabled.
- No VAS : Value Added Services features should be barred in this solution.
- IPSEC: Security features of IPSEC should be available & configured for the end-to-end encryption.
- Primary Link and Secondary Link should not be in the same end point device.
- Log Maintenance: Record / Reports should be available for auditing.
- Only Bank's authorized and approved APN should be configured.
- The device should not be able to connect any other network or service (including WIFI or WIFI hotspot) except Bank's permitted network / system.
- The protection against "Man -in-the Middle " compromise (between the Bank's Network/system and operators' network) should be available
- The Network equipment should be in a locked condition or with restricted access.
- The Selected bidder shall address basic security concerns and incorporate security processes such as securing network against unauthorized access, misconfigurations of the core and internal attacks.
- Selected Bidder shall ensure that at no stage during the concurrency of the contract period none of the network security principles i.e. confidentiality integrity availability of the Bank's traffic get compromised.
- Selected Bidder shall ensure seamless IPsec traffic over MPLS network.
- The Selected Bidder shall ensure logical separation/insulation between multiple customers meeting at the Provider Edge (PE) network element. The Selected Bidder shall ensure that every PE router maintains a separate Virtual Routing and Forwarding instance (VRF) for each connected VPN i.e. each VRF on the PE router is populated with routes from one VPN.
- The Selected Bidder shall comply with Bank's IS Security policy relevant to the scope of services (work) provided to the Bank. The bank reserves the right to expand the scope of compliance by successful bidder at any point of time during the currency of the contract

Hardware Specifications:

7	SIM Slots	Single (or dual) based	
	4G LTE Modem	1 – Active	
	LTE Band	FDD- Bands 1/3/5/7/8/20	

		TDD- Bands 38/39/40/41	
	GSM/EDGE/WCDMA Band	DC-HSPA+/HSPA+/HSPA/UMTS: Bands 1/5/8/9 TD-SCDMA: Bands 34/39 GSM/GPRS/EDGE: 1800 MHz/900 MHz	
	WAN & LAN Interface	3* GE Configurable	
		(WAN+LAN)	
	External Antenna	> 3dBi to 109dBi	
	MiMo / Diversity	Yes	
	Input voltage (DC)	12V DC	
	Max. power	<24W	
	Operating Temperature	-20°C to +60°C	
	Other Features	IP 67 Rated	
		FGI Split bit supported	
8	Software Specifications:		
	Basic functions	DNS/DDNS, DHCP, ICMP,NAT, PPPoE, PAP, CHAP ,Loopback interface, Bridge /Static / Dynamic Routing Support, MPLS, QOS,GRE	
	4G/5G function	4G/5G Band Selection, Dual APN supported , APN Manual Configuration	
	Zero Touch Provision	Pre-Configuration	
	Routing Protocol	Static routing, VRF, Policy Based Routing, Interface Routing, ECMP Routing, IPv4 dynamic routing protocols: RIP v1/v2, OSPFv2, BGP v4, IPv6 dynamic routing protocols: RIPng, OSPFv3, BGP, Bidirectional Forwarding Detection (BFD),Dual Stack IPv4/v6 supported.	
	Link Failover (Preferred)	IP Reachability, Script Based	
	Security Functions	State full filtering, Source and destination NAT, Filtering by IP address and address range, port and port range, IP protocol, DSCP etc, Internal connection, routing and packet marks, Address lists, RAW filtering to bypass connection tracking.MAC Address Filtering, MAC Binding, Radius Support	
	VPN Function	IPSec, IKEv2 support, Tunneling Protocols (Open VPN, PPTP, PPPoE, L2TP, SSTP), Advanced PPP features (MLPPP, BCP), Simple tunnels (IPIP, EoIP) IPv4 andIPv6 support. VLAN, MPLS based VPNs	
	Encryption	DES,3DES, AES, MD5,SHA,GCM, Blowfish, Twofish, Camellia	
	Bridge mode	In-Path	
	Diagnosis Tool	Ping, Traceroute, Bandwidth Test, Ping Flood, Packet Sniffer, Traffic Generator, File Fetch, Telnet, SSH, Web GUI	

MASKED COMMERCIAL TEMPLATE**Category A - Commercial Template for MPLS on Wire/RF**

Table A	Link cost for MPLS links on Wire/RF							
Location	Bandwidth	No. of sites	No. of Link feasible (a)	Unit one-time link commissioning cost (OTC) (b)	GST on OTC (c)	Unit recurring cost per year (d)	GST on recurring cost per link (e)	Total cost of the feasible Link $f=ax(b+d)$ (excluding tax)
Branch	2 Mbps	850	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Total cost of links for one year (excluding Tax) in figures								xxxx
Total cost of links for one year (excluding Tax) in words								xxxx
Total cost of links for three years in figures (One-time implementation cost for 1 st year only) $g= a \times \{3(d) + b\}$								xxxx
Total cost of links for three year in words								xxxx

Table B	Link cost for MPLS links Bandwidth 20 Mbps (OFC) slab for MPLS Link on Wire					
Location	BACKHAUL Link bandwidth 20Mbps (OFC)	Unit one time link commissioning cost, if any (a)	GST on OTC (b)	Unit recurring cost per year (c)	GST on recurring cost per link (d)	Total cost of the Link on 20 Mbps bandwidth slab $e = (a+c)$ (excluding tax)
Bangalore Data Centre	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Kolkata Data Centre	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Total cost of links for one year (excluding Tax) in figures						xxxx
Total cost of links for one year (excluding Tax) in words						xxxx
Total cost of links for three years in figures (One-time implementation for 1 st year only) $f= 3x(c)+a$						xxxx
Total cost of links for three year in words						xxxx

Table C	List of Chargeable Items				
Item (to be quoted by the bidder, if any)	Description	Qty. (100)	Unit Price (excluding TAX)	TAX %age	Total Price(excluding Tax)
.....	xxxx	100	xxxx	xxxx	xxxx
.....	xxxx	100	xxxx	xxxx	xxxx
.....	xxxx	100	xxxx	xxxx	xxxx
De-Installation	xxxx	100	xxxx	xxxx	xxxx
Re-installation	xxxx	100	xxxx	xxxx	xxxx
Shifting(anywhere in India)	xxxx	100	xxxx	xxxx	xxxx

Any other items	xxxx	100	xxxx	xxxx	xxxx
Total cost of links for one year (excluding Tax) in figures					
Total cost of links for one year (excluding Tax) in words					

***The above mentioned Quantity is indicative only**

Table D	Consolidation_ MPLS Link on Wire/RF (TCO of Category-A)
Details	Cost (Rs.)
Total cost of links for three year (A) excluding tax	Xxxx
Total cost of Backhaul links for three year (B) excluding tax	Xxxx
Total cost of Chargeable Items (C) excluding tax	xxxx
Grand total for all links without taxes (D = A+B+C)	Xxxx

Category B - Commercial Template for 4G/5G (Single SIM Based)

Table A	Link cost for MPLS links on 4G/5G							
Location	Bandwidth	No. of sites	No. of Link feasible (a)	Unit one-time link commissioning cost (OTC) (b)	GST on OTC (c)	Unit recurring cost per year (d)	GST on recurring cost per link (e)	Total cost of the feasible Link $f=ax(b+d)$ (excluding tax)
Branch	2 Mbps	600	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Total cost of links for one year (excluding Tax) in figures								xxxx
Total cost of links for one year (excluding Tax) in words								xxxx
Total cost of links for three years in figures (One-time implementation for 1 st year only) $g= a \times \{3(d) + b\}$								xxxx
Total cost of links for three year in words								xxxx

Table B	Link cost for MPLS backhaul links Bandwidth 20 Mbps slab (OFC) for MPLS Link on 4G/5G					
Location	BACKHAUL Link bandwidth 20Mbps (OFC)	Unit one time link commissioning cost, if any (a)	GST on OTC (b)	Unit recurring cost per year (c)	GST on recurring cost per link (d)	Total cost of the Link on 20 Mbps bandwidth slab $e = (a+c)$ (excluding tax)
Bangalore Data Centre	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Kolkata Data Centre	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Total cost of links for one year (excluding Tax) in figures						xxxx
Total cost of links for one year (excluding Tax) in words						xxxx
Total cost of links for three years in figures (One-time implementation for 1 st year only) $f= 3x(c)+a$						xxxx
Total cost of links for three year in words						xxxx

Table C	List of Chargeable Items				
Item (to be quoted by the bidder, if any)	Description	Qty. (100)	Unit Price (excluding TAX)	TAX %age	Total Price(excluding Tax)
.....	xxxx	100	xxxx	xxxx	xxxx
.....	xxxx	100	xxxx	xxxx	xxxx
.....	xxxx	100	xxxx	xxxx	xxxx
De-Installation	xxxx	100	xxxx	xxxx	xxxx
Re-installation	xxxx	100	xxxx	xxxx	xxxx
Shifting(anywhere in India)	xxxx	100	xxxx	xxxx	xxxx
Any other items	xxxx	100	xxxx	xxxx	xxxx
Total cost of links for one year (excluding Tax) in figures					xxxx
Total cost of links for one year (excluding Tax) in words					xxxx

***The above mentioned Quantity is indicative only**

Table D	Consolidation_ MPLS Link on 4G/5G (TCO of Category-B)
Details	Cost (Rs.)
Total cost of links for three year (A) excluding tax	Xxxx
Total cost of Backhaul links for three year (B) excluding tax	Xxxx
Total cost of Chargeable Items (C) excluding tax	xxxx
Grand total for all links without taxes (D = A+B+C)	Xxxx

Note:

1. The Primary Data Centre is located at UCO Bank Data Centre, C/O Tata communications, No.2, KEB layout, Sanjay Nagar Main Road, Near Geddalahalli Bus Stop, Bangalore- 560094.
2. The Disaster Recovery Data Centre is located at UCO Bank Data Centre, UCO Bank, HO-2, 6th Floor, 3& 4 DD Block, Sector-1, Salt Lake, Kolkata- 700064.
3. In case of discrepancy between figures and words, the amount in words shall prevail.
4. Bidders should strictly quote in the format and for periods as mentioned above. No counter condition/assumption in response to commercial bid will be accepted. Bank has a right to reject such bid.
5. In the event the vendor has not quoted or mentioned any component or services required, for evaluation purposes the highest value in the submitted bids for that particular link type would be used to calculate the TCO. For the purposes of payment and finalization of the contract, the value of the lowest bid would be used.
6. L1 bidder would be determined based on the total cost of ownership for each category of links. Any decision of Bank in this regard shall be final, conclusive and binding on the bidder.
7. The bidder with lowest commercial cost in Table – D after normalisation as mentioned above, will be selected as L1 bidder separately for MPLS on Wire / Wireless and MPLS on 4G/5G (Single SIM based) categories of network connectivity respectively.

8. Bidder need to factor manpower cost as per Scope of Work (SOW).
9. Bidder need to factor spare's cost for replacement in case of malfunctioning of Network devices due to force majeure conditions.
10. Bidder already having presence at certain sites with any solution, need not bid for that particular site/s.
11. Any of the solution should not be limited to nos. of users.
12. The GST as applicable shall be paid as extra at actuals at the time of resultant billing.
13. Bidders should quote for all applicable items in the table C separately for Category A & B. In the event the vendor has not quoted or mentioned any component or services required in table C (both for Category A & B) it will be treated as free of cost during the contract period and bidder has to mandatorily provide the same.

COMMERCIAL TEMPLATE**Category A - Commercial Template for MPLS on Wire/RF**

Table A	Link cost for MPLS links on Wire/RF							
Location	Bandwidth	No. of sites	No. of Link feasible (a)	Unit one-time link commissioning cost (OTC) (b)	GST on OTC (c)	Unit recurring cost per year (d)	GST on recurring cost per link (e)	Total cost of the feasible Link $f=ax(b+d)$ (excluding tax)
Branch	2 Mbps	850						
Total cost of links for one year (excluding Tax) in figures								
Total cost of links for one year (excluding Tax) in words								
Total cost of links for three years in figures (One-time implementation cost for 1 st year only) $g= a \times \{3(d) + b\}$								
Total cost of links for three year in words								

Table B	Link cost for MPLS links Bandwidth 20 Mbps (OFC) slab for MPLS Link on Wire					
Location	BACKHAUL Link bandwidth 20Mbps (OFC)	Unit one time link commissioning cost, if any (a)	GST on OTC (b)	Unit recurring cost per year (c)	GST on recurring cost per link (d)	Total cost of the Link on 20 Mbps bandwidth slab $e = (a+c)$ (excluding tax)
Bangalore Data Centre						
Kolkata Data Centre						
Total cost of links for one year (excluding Tax) in figures						
Total cost of links for one year (excluding Tax) in words						
Total cost of links for three years in figures (One-time implementation for 1 st year only) $f= 3x(c)+a$						
Total cost of links for three year in words						

Table C	List of Chargeable Items				
Item (to be quoted by the bidder, if any)	Description	Qty. (100)	Unit Price (excluding TAX)	TAX %age	Total Price(excluding Tax)
.....		100			
.....		100			
.....		100			
De-Installation		100			
Re-installation		100			
Shifting(anywhere in India)		100			

Any other items		100			
Total cost of links for one year (excluding Tax) in figures					
Total cost of links for one year (excluding Tax) in words					

****The above mentioned Quantity is indicative only**

Table D	Consolidation_ MPLS Link on Wire/RF (TCO of Category-A)
Details	Cost (Rs.)
Total cost of links for three year (A) excluding tax	
Total cost of Backhaul links for three year (B) excluding tax	
Total cost of Chargeable Items (C) excluding tax	
Grand total for all links without taxes (D = A+B+C)	

Category B - Commercial Template for 4G/5G (Single SIM Based)

Table A	Link cost for MPLS links on 4G/5G							
Location	Bandwidth	No. of sites	No. of Link feasible (a)	Unit one-time link commissioning cost (OTC) (b)	GST on OTC (c)	Unit recurring cost per year (d)	GST on recurring cost per link (e)	Total cost of the feasible Link $f=ax(b+d)$ (excluding tax)
Branch	2 Mbps	600						
Total cost of links for one year (excluding Tax) in figures								
Total cost of links for one year (excluding Tax) in words								
Total cost of links for three years in figures (One-time implementation for 1 st year only) $g= a \times \{3(d) + b\}$								
Total cost of links for three year in words								

Table B	Link cost for MPLS backhaul links Bandwidth 20 Mbps slab (OFC) for MPLS Link on 4G/5G					
Location	BACKHAUL Link bandwidth 20Mbps (OFC)	Unit one time link commissioning cost, if any (a)	GST on OTC (b)	Unit recurring cost per year (c)	GST on recurring cost per link (d)	Total cost of the Link on 20 Mbps bandwidth slab $e = (a+c)$ (excluding tax)
Bangalore Data Centre						
Kolkata Data Centre						
Total cost of links for one year (excluding Tax) in figures						
Total cost of links for one year (excluding Tax) in words						
Total cost of links for three years in figures (One-time implementation for 1 st year only) $f= 3x(c)+a$						
Total cost of links for three year in words						

Table C	List of Chargeable Items				
Item (to be quoted by the bidder, if any)	Description	Qty. (100)	Unit Price (excluding TAX)	TAX %age	Total Price(excluding Tax)
.....		100			
.....		100			
.....		100			
De-Installation		100			
Re-installation		100			
Shifting(anywhere in India)		100			
Any other items		100			
Total cost of links for one year (excluding Tax) in figures					
Total cost of links for one year (excluding Tax) in words					

****The above mentioned Quantity is indicative only**

Table D	Consolidation_ MPLS Link on 4G/5G (TCO of Category-B)
Details	Cost (Rs.)
Total cost of links for three year (A) excluding tax	
Total cost of Backhaul links for three year (B) excluding tax	
Total cost of Chargeable Items (C) excluding tax	
Grand total for all links without taxes (D = A+B+C)	

Note:

1. The Primary Data Centre is located at UCO Bank Data Centre, C/O Tata communications, No.2, KEB layout, Sanjay Nagar Main Road, Near Geddalahalli Bus Stop, Bangalore- 560094.
2. The Disaster Recovery Data Centre is located at UCO Bank Data Centre, UCO Bank, HO-2, 6th Floor, 3& 4 DD Block, Sector-1, Salt Lake, Kolkata- 700064.
3. In case of discrepancy between figures and words, the amount in words shall prevail.
4. Bidders should strictly quote in the format and for periods as mentioned above. No counter condition/assumption in response to commercial bid will be accepted. Bank has a right to reject such bid.
5. In the event the vendor has not quoted or mentioned any component or services required, for evaluation purposes the highest value in the submitted bids for that particular link type would be used to calculate the TCO. For the purposes of payment and finalization of the contract, the value of the lowest bid would be used.
6. L1 bidder would be determined based on the total cost of ownership for each category of links. Any decision of Bank in this regard shall be final, conclusive and binding on the bidder.

7. The bidder with lowest commercial cost in Table – D after normalisation as mentioned above, will be selected as L1 bidder separately for MPLS on Wire / Wireless and MPLS on 4G/5G (Single SIM based) categories of network connectivity respectively.
8. Bidder need to factor manpower cost as per Scope of Work (SOW).
9. Bidder need to factor spare's cost for replacement in case of malfunctioning of Network devices due to force majeure conditions.
10. Bidder already having presence at certain sites with any solution, need not bid for that particular site/s.
11. Any of the solution should not be limited to nos. of users.
12. The GST as applicable shall be paid as extra at actuals at the time of resultant billing.
13. Bidders should quote for all applicable items in the table C separately for Category A & B. In the event the vendor has not quoted or mentioned any component or services required in table C (both for Category A & B) it will be treated as free of cost during the contract period and bidder has to mandatorily provide the same.

Summary of link feasibility report

Category A – MPLS links _Wire/RF					
SN	Bandwidth	No. of Sites	Nos. of link feasible in Wire	Nos. of link feasible in Wireless (RF)	Total Link feasible
1	2 Mbps				
Total Link feasible in all category					

Summary of 4G / 5G feasibility report

Category B – MPLS links _4G/5G				
SN	Bandwidth	No. of Sites	Nos. of link feasible in 4G/5G	Total Link feasible
1	2 Mbps			
Total Link feasible in all category				

PROFORMA FOR DEED OF INDEMNITY**(To be stamped as per the Stamp Law of the Respective State)**

This Deed of Indemnity executed at On the _____ day of _____ by M/s _____(hereinafter referred to as "the Obligor" which expression shall unless it be repugnant to the context, subject or meaning thereof, shall be deemed to mean and include successors and permitted assigns);

IN FAVOUR OF

UCO Bank a body corporate constituted under the Banking Companies (Acquisition and transfer of undertakings) Act, 1970, having its Head Office at No. 10, BTM Sarani, Kolkata-700001(hereinafter referred to as "UCO Bank", which expression unless expressly excluded or repugnant to the context shall also include its successor, assigns, attorneys, agents, representatives, authorized officer and all and any such officer having the power and authority to represent the Bank)

WHEREAS

The Obligor has

- A. offered to supply and install about _____ Supply, Commissioning, Maintenance & Management of MPLS Link On Wired/RF AND 4G/5G (Single SIM Based) with the specifications as prescribed in the Agreement / Contract dated _____ during the period of one year from the date of acceptance of the purchase orders issued by the Bank from time to time. The Supply, Commissioning, Maintenance & Management of MPLS Link On Wired/RF AND 4G/5G (Single SIM Based) by the obligor is herein after referred to as "**Supply**".
- B. Agreed to install and provide comprehensive maintenance for the Equipments, material used and workmanship by them in terms of the Agreement / Contract dated _____ and respective Purchase Orders issued from time to time if required at the discretion of UCO BANK. (The installation and maintenance are herein after collectively referred to as "**Service/s**").
- C. Represented and warranted that they have all permissions, consents, approvals from all authorities, both regulatory and non-regulatory, for Supply, Commissioning, Maintenance & Management of MPLS Link On Wired/RF AND 4G/5G (Single SIM Based) and provide other Service/s to UCO BANK.
- D. Represented and warranted that the aforesaid supply/services offered to UCO BANK do not violate any provisions of the applicable laws, regulations or

guidelines including legal and environmental. In case there is any violation of any law, rules or regulation, which is capable of being remedied, the same will be got remedied immediately during the installation, maintenance and contract period to the satisfaction of UCO BANK.

E. Represented and warranted that they are authorized and legally eligible and otherwise entitled and competent to enter into such Contract/ Agreement with UCO BANK.

2. UCO BANK, relying and based on the aforesaid representations and warranties of the Obligor, has agreed to getting supplied and installed about _____ Supply, Commissioning, Maintenance & Management of MPLS Link On Wired/RF AND 4G/5G (Single SIM Based) with option of upgradation to Biometric functionality with the specifications contained in its Agreement/Contract dated _____ with the Obligor;
3. One of the conditions of the aforesaid Agreement is that the Obligor is required to furnish an indemnity in favour of UCO BANK indemnifying the latter against any claims, losses, costs, actions, suits, damages and / or otherwise arising due to or on account of Obligor's violations of any trademarks, patents, copyrights and licenses, the applicable laws, regulations, guidelines during the Supply / Services to UCO BANK as also for breach committed by the Obligor on account of misconduct, omission and negligence by the Obligor.
4. In pursuance thereof, the Obligor has agreed to furnish an indemnity in the form and manner and to the satisfaction of UCO BANK as hereinafter appearing;

NOW THIS DEED WITNESSETH AS UNDER:-

In consideration of UCO BANK having agreed to award the aforesaid contract to the Obligor, more particularly described and stated in the aforesaid Agreement/Contract, the Obligor do hereby agree and undertake that:-

- (1) the Obligor shall, at all times hereinafter, save and keep harmless and indemnified UCO BANK, including its respective directors, officers, and employees and keep them indemnified from and against any claim, demand, losses, liabilities or expenses of any nature and kind whatsoever and by whomsoever made in respect of the said contract and any damage caused from and against all suits and other actions that may be instituted taken or preferred against UCO BANK by whomsoever and all losses, damages, costs, charges and expenses that UCO BANK may incur by reason of any claim made by any claimant for any reason whatsoever or by anybody claiming under them or otherwise for any losses, damages or claims arising out of all kinds of accidents, destruction, deliberate or otherwise, direct or indirect, from those arising out of violation of applicable laws, regulations, guidelines and also from

the environmental damages, if any, which may occur during the contract period.

(2) The Obligor further agrees and undertakes that the Obligor shall, during the contract period, ensure that all the permissions, authorizations, consents are obtained from the local and/or municipal and/or governmental authorities, as may be required under the applicable laws, regulations, guidelines, orders framed or issued by any appropriate authorities.

(3) The Obligor further agrees to provide complete documentation of MPLS Link on Wired/RF AND 4G/5G (Single SIM Based)/Equipments/accessories/and other software, they are having. The Obligor shall also indemnify and keep indemnified UCO BANK against any levies/penalties/claims/demands, litigations, suits, actions, judgments, in this regard.

(4) If any additional approval, consent or permission is required by the Obligor to execute and perform the contract during the currency of the contract, they shall procure the same and/or comply with the conditions stipulated by the concerned authorities without any delay.

(5) The obligations of the Obligor herein are irrevocable, absolute and unconditional, in each case irrespective of the value, genuineness, validity, regularity or enforceability of the aforesaid Agreement/Contract or the insolvency, bankruptcy, reorganization, dissolution, liquidation or change in ownership of UCO BANK or Obligor or any other circumstance whatsoever which might otherwise constitute a discharge or defence of an indemnifier.

(6) The obligations of the Obligor under this deed shall not be affected by any act, omission, matter or thing which, would reduce, release or prejudice the Obligor from any of the indemnified obligations under this indemnity or prejudice or diminish the indemnified obligations in whole or in part, including in law, equity or contract (whether or not known to it, or to UCO BANK).

(7) This indemnity shall survive the aforesaid Agreement.

(8) Any notice, request or other communication to be given or made under this indemnity shall be in writing addressed to either party at the address stated in the aforesaid Agreement and or as stated above.

(9) This indemnity shall be governed by, and construed in accordance with, the laws of India. The Obligor irrevocably agrees that any legal action, suit or proceedings arising out of or relating to this indemnity may be brought in the Courts/Tribunals at Kolkata. Final judgment against the Obligor in any such action, suit or proceeding shall be conclusive and may be enforced in any other jurisdiction, by suit on the judgment, a certified copy of which shall be conclusive evidence of the judgment, or in any other manner provided by law. By the execution of this indemnity, the Obligor irrevocably submits to the

exclusive jurisdiction of such Court/Tribunal in any such action, suit or proceeding.

(10) UCO BANK may assign or transfer all or any part of its interest herein to any other person. Obligor shall not assign or transfer any of its rights or obligations under this indemnity, except with the prior written consent of UCO BANK

IN WITNESS WHEREOF the Obligor has signed these presents on the day, month and year first above written.

Signed and Delivered on behalf of (_____)

By the hand of (_____) the authorized official

LIST OF BRANCHES**CATEGORY-A**

Sr. No.	Sol ID	BRANCH NAME	ZONE	ISP1 NAME	ISP1-Bandwidth	ISP2 NAME	ISP2-Bandwidth
1	854	BISHENPUR LOKTAK	AGARTALA	BSNL	2 Mbps	HVSAT	N/A
2	1771	BAGANBAZAR	AGARTALA	BSNL	2 Mbps	HVSAT	N/A
3	2275	AGARTALA-PURBASHA	AGARTALA	BSNL	2 Mbps	HVSAT	N/A
4	2506	GANDACHERRA	AGARTALA	BSNL	2 Mbps	HVSAT	N/A
5	2557	CHURACHANDPUR	AGARTALA	BSNL	2 Mbps	AVSAT	N/A
6	2826	AMARPUR	AGARTALA	BSNL	2 Mbps	AVSAT	N/A
7	2830	SABROOM	AGARTALA	BSNL	2 Mbps	HVSAT	N/A
8	2831	KUMARGHAT	AGARTALA	BSNL	2 Mbps	AVSAT	N/A
9	2833	KAILASAHAR	AGARTALA	BSNL	2 Mbps	AVSAT	N/A
10	2835	BILONIA	AGARTALA	BSNL	2 Mbps	AVSAT	N/A
11	2997	LAMLONG BAZAR	AGARTALA	BSNL	2 Mbps	HVSAT	N/A
12	2998	CHANDEL BAZAR	AGARTALA	BSNL	2 Mbps	AVSAT	N/A
13	3001	SENAPATI BAZAR	AGARTALA	BSNL	2 Mbps	AVSAT	N/A
14	3002	UKHRUL MAIN BAZAR	AGARTALA	BSNL	2 Mbps	HVSAT	N/A
15	3249	NARSINGARH	AGARTALA	BSNL	2 Mbps	HVSAT	N/A
16	3272	KHAYERPUR	AGARTALA	BSNL	2 Mbps	N/A	N/A
17	3273	MOREH	AGARTALA	BSNL	2 Mbps	HVSAT	N/A
18	3348	EAST PRATAPGARH	AGARTALA	BSNL	2 Mbps	TVSAT	N/A
19	72	GONDAL	AHMEDABAD	BSNL	2 Mbps	N/A	N/A
20	128	PORBANDAR	AHMEDABAD	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
21	2277	BHUJ	AHMEDABAD	BSNL	2 Mbps	HVSAT	N/A
22	2278	MEHSANA	AHMEDABAD	BSNL	2 Mbps	HVSAT	N/A
23	2413	CHILODA	AHMEDABAD	BSNL	2 Mbps	N/A	N/A
24	2839	KUKKARWADA	AHMEDABAD	BSNL	2 Mbps	HVSAT	N/A
25	2863	KODINAR	AHMEDABAD	BSNL	2 Mbps	HVSAT	N/A
26	379	SADRI	AJMER	BSNL	2 Mbps	TVSAT	N/A
27	452	GOTAN	AJMER	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
28	526	GACHHIPURA	AJMER	BSNL	2 Mbps	HVSAT	N/A
29	589	HARSORE	AJMER	BSNL	2 Mbps	HVSAT	N/A
30	619	KHINWSAR	AJMER	BSNL	2 Mbps	HVSAT	N/A
31	634	REN	AJMER	BSNL	2 Mbps	HVSAT	N/A
32	721	BASNI	AJMER	BSNL	2 Mbps	HVSAT	N/A
33	1350	BIDIYAD	AJMER	BSNL	2 Mbps	HVSAT	N/A
34	1421	BERICHHOTI	AJMER	BSNL	2 Mbps	HVSAT	N/A
35	1500	RAJIAWAS	AJMER	BSNL	2 Mbps	HVSAT	N/A
36	1623	GURHASALT	AJMER	BSNL	2 Mbps	HVSAT	N/A
37	2242	NADOL AJMER	AJMER	BSNL	2 Mbps	HVSAT	N/A
38	2263	RAJSAMAND	AJMER	BSNL	2 Mbps	HVSAT	N/A
39	2370	GINGLA	AJMER	BSNL	2 Mbps	TVSAT	N/A

40	3105	SUKHER	AJMER	BSNL	2 Mbps	N/A	N/A
41	371	SORO BALASORE	BALASORE	BSNL	2 Mbps	HVSAT	N/A
42	599	DHAMNAGAR	BALASORE	BSNL	2 Mbps	HVSAT	N/A
43	600	TIHIDI	BALASORE	BSNL	2 Mbps	HVSAT	N/A
44	778	BALIAPAL	BALASORE	BSNL	2 Mbps	HVSAT	N/A
45	779	KHAIRA BALASORE	BALASORE	BSNL	2 Mbps	HVSAT	N/A
46	835	PARADIP - ORISSA	BALASORE	BSNL	2 Mbps	HVSAT	N/A
47	841	MARSAGHAI	BALASORE	BSNL	2 Mbps	HVSAT	N/A
48	860	BAHANAGA	BALASORE	BSNL	2 Mbps	Tvsat	N/A
49	994	BHANDARI POKHARI	BALASORE	BSNL	2 Mbps	HVSAT	N/A
50	1008	OUPADA	BALASORE	BSNL	2 Mbps	HVSAT	N/A
51	1111	BHOGRAI	BALASORE	BSNL	2 Mbps	HVSAT	N/A
52	1134	GARADPUR	BALASORE	BSNL	2 Mbps	HVSAT	N/A
53	1156	GHANTISWAR	BALASORE	BSNL	2 Mbps	HVSAT	N/A
54	1157	RAJNAGAR GADI	BALASORE	BSNL	2 Mbps	HVSAT	N/A
55	1162	GOPALPUR BALASORE	BALASORE	BSNL	2 Mbps	HVSAT	N/A
56	1164	RANITAL	BALASORE	BSNL	2 Mbps	HVSAT	N/A
57	1166	RAIBANIA	BALASORE	BSNL	2 Mbps	HVSAT	N/A
58	1173	BORIKINA	BALASORE	BSNL	2 Mbps	TVSAT	N/A
59	1197	LANGALESWAR	BALASORE	BSNL	2 Mbps	HVSAT	N/A
60	1220	DOLASAH	BALASORE	BSNL	2 Mbps	HVSAT	N/A
61	1221	DHUSURI	BALASORE	BSNL	2 Mbps	HVSAT	N/A
62	1248	ADA	BALASORE	BSNL	2 Mbps	HVSAT	N/A
63	1272	BIDYADHARPUR	BALASORE	BSNL	2 Mbps	HVSAT	N/A
64	1291	GANESWARPUR IND ESTATE	BALASORE	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
65	1335	BALITUTHA	BALASORE	BSNL	2 Mbps	HVSAT	N/A
66	1358	BIDEIPUR	BALASORE	BSNL	2 Mbps	HVSAT	N/A
67	1572	JAKHAPURA	BALASORE	BSNL	2 Mbps	HVSAT	N/A
68	1589	MADHUBANHAT	BALASORE	BSNL	2 Mbps	HVSAT	N/A
69	1626	HANSURA	BALASORE	BSNL	2 Mbps	HVSAT	N/A
70	1690	AUL	BALASORE	BSNL	2 Mbps	HVSAT	N/A
71	1755	DEBHOG	BALASORE	BSNL	2 Mbps	HVSAT	N/A
72	1763	GAZIPUR	BALASORE	BSNL	2 Mbps	HVSAT	N/A
73	1777	SOMPUR	BALASORE	BSNL	2 Mbps	HVSAT	N/A
74	1880	BARBIL	BALASORE	BSNL	2 Mbps	TVSAT	N/A
75	2061	RAHAMA	BALASORE	BSNL	2 Mbps	HVSAT	N/A
76	2253	BASUDEVPUR	BALASORE	BSNL	2 Mbps	HVSAT	N/A
77	2597	JAYNAGAR	BALASORE	BSNL	2 Mbps	HVSAT	N/A
78	2973	RAIRANGPUR	BALASORE	BSNL	2 Mbps	HVSAT	N/A
79	3112	BAHABALPUR	BALASORE	BSNL	2 Mbps	HVSAT	N/A
80	3153	GHASIPURA	BALASORE	BSNL	2 Mbps	HVSAT	N/A
81	3155	Karanja	BALASORE	BSNL	2 Mbps	AVSAT	N/A
82	3262	PANPANA	BALASORE	BSNL	2 Mbps	HVSAT	N/A
83	202	JALAHALLI-BANGALORE	BANGALORE	BSNL	2 Mbps	N/A	N/A
84	631	DODDALHALLI	BANGALORE	BSNL	2 Mbps	HVSAT	N/A
85	632	KODIHAALI BANGALORE	BANGALORE	BSNL	2 Mbps	HVSAT	N/A
86	885	MANGALORE	BANGALORE	BSNL	2 Mbps	ISDN	N/A
87	1447	DHARWAD BRANCH	BANGALORE	BSNL	2 Mbps	ISDN	N/A

88	2009	VIJAY NAGAR-BANGALORE	BANGALORE	BSNL	2 Mbps	ISDN	N/A
89	2215	TUMKUR CITY MUNICIPAL COUNCIL	BANGALORE	BSNL	2 Mbps	HVSAT	N/A
90	2216	CHIKKAMAGALUR	BANGALORE	BSNL	2 Mbps	HVSAT	N/A
91	2538	DODDAMARALAWADI	BANGALORE	BSNL	2 Mbps	HVSAT	N/A
92	2805	RAMANAGARA	BANGALORE	BSNL	2 Mbps	HVSAT	N/A
93	3271	T BEGUR	BANGALORE	BSNL	2 Mbps	HVSAT	N/A
94	372	JOGBANI	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
95	373	KASBA BEGUSARAI	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
96	482	TARAPUR	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
97	492	BACHHWARA	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
98	493	CHERIA BARIARPUR	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
99	494	SANGRAMPUR	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
100	567	BARIARPUR	BEGUSARAI	BSNL	2 Mbps	AVSAT	N/A
101	955	DHARHARA	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
102	999	KHODABANDPUR	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
103	1037	KOCHADHAMAN	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
104	1122	MANSOORCHAK	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
105	1126	CHHAURAHI	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
106	1199	MANJHAUL	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
107	1209	AUGAN	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
108	1233	FATEHA	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
109	1234	BARO	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
110	1359	BIRPUR	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
111	1363	BANWARIPUR	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
112	1374	CHANDPURA	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
113	1377	DANIYALPUR	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
114	1380	KHAMHAR RAJWARA	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
115	1494	Khagaria	BEGUSARAI	BSNL	2 Mbps	AVSAT	N/A
116	1575	KHORAMPUR	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
117	1582	BATHANAHA	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
118	1594	RANI BEGUSARAI	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
119	1597	MUZAFFARABAZAR	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
120	1614	GAİYARI	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
121	1619	GOASI	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
122	1704	RAMPUR BEGUSARAI	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
123	1822	SAHARSA	BEGUSARAI	BSNL	2 Mbps	N/A	N/A
124	2181	DALSINGSARAI	BEGUSARAI	BSNL	2 Mbps	AVSAT	N/A
125	2182	ROSERA	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
126	2255	KATIHAR	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
127	2256	GULABBAG	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
128	2257	FORBESGANJ	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
129	2292	MADHEPURA	BEGUSARAI	BSNL	2 Mbps	AVSAT	N/A
130	2293	SUPAUL	BEGUSARAI	BSNL	2 Mbps	AVSAT	N/A
131	2423	NAOKOTHI	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
132	2469	GARHPURA	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
133	2495	CHAMPANAGAR	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
134	2768	ASARGANJ	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
135	2772	NAUAGARHI	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A

136	2784	TAJPUR	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
137	2785	BALIA BEGUSARAI	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
138	2877	KALYANPUR BEGUSARAI	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
139	2878	MANSI	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
140	2908	CHANDNI CHOWK,BIHAT	BEGUSARAI	BSNL	2 Mbps	TVSAT	N/A
141	3034	HAVELI KHARAGPUR	BEGUSARAI	BSNL	2 Mbps	HVSAT	N/A
142	3156	GOGRI JAMALPUR	BEGUSARAI	BSNL	2 Mbps	AVSAT	N/A
143	193	BHAGALPUR MAIN	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
144	487	SABOUR-BHAGALPUR	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
145	720	BOUNSI	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
146	729	NARAYANPUR	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
147	892	SANHOULA	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
148	894	KATORIA	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
149	895	SHAMBHUGANJ	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
150	953	DHORAIYA	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
151	1127	FATEHPUR	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
152	1128	SUIYA	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
153	1210	BIRBANNA BHRAMARPUR	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
154	1213	EKCHARI	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
155	1214	VIJAYHAT	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
156	1216	KAJRILI	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
157	1217	BALUACHAK PURANI	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
158	1232	TULSIPUR JAMUNIA	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
159	1241	BHARKO	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
160	1243	SULTANGANJ	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
161	1271	AKBARNAGAR	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
162	1296	KATYAMA RAJOUN	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
163	1368	JAIPUR BHAGALPUR	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
164	1378	SANOKHARHAT	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
165	1479	DUMRAWAN	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
166	1677	GORADIH	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
167	1743	Tilka Manjhi	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
168	1799	BANKA	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
169	1940	KAHALGAON	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
170	2280	GOGHA	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
171	2286	NTPC STP	BHAGALPUR	BSNL	2 Mbps	HVSAT	N/A
172	2335	NAUGACHIA	BHAGALPUR	BSNL	2 Mbps	TVSAT	N/A
173	136	BHOPAL MAIN BRANCH	BHOPAL	BSNL	2 Mbps	N/A	N/A
174	283	HABIBGANJ BHOPAL	BHOPAL	BSNL	2 Mbps	TATA	128 Kbps
175	734	VEHICLE FACTORY BRANCH	BHOPAL	BSNL	2 Mbps	N/A	N/A
176	747	WRIGHT TOWN BRANCH	BHOPAL	BSNL	2 Mbps	N/A	N/A
177	834	ATER	BHOPAL	BSNL	2 Mbps	TVSAT	N/A
178	1025	PAHARGARH	BHOPAL	BSNL	2 Mbps	HVSAT	N/A
179	1074	GYARASPUR	BHOPAL	BSNL	2 Mbps	HVSAT	N/A
180	1080	NOORABAD	BHOPAL	BSNL	2 Mbps	TVSAT	N/A
181	1081	DABOH	BHOPAL	BSNL	2 Mbps	HVSAT	N/A
182	1135	AHMADPUR	BHOPAL	BSNL	2 Mbps	HVSAT	N/A
183	1138	Deokhajuri	BHOPAL	BSNL	2 Mbps	HVSAT	N/A

184	1139	BAIRAD	BHOPAL	BSNL	2 Mbps	AVSAT	N/A
185	1140	GOHAD CHAURAHA	BHOPAL	BSNL	2 Mbps	HVSAT	N/A
186	1153	SEHRAI	BHOPAL	BSNL	2 Mbps	TVSAT	N/A
187	1167	DHODHAR	BHOPAL	BSNL	2 Mbps	HVSAT	N/A
188	1169	PREMSAR	BHOPAL	BSNL	2 Mbps	HVSAT	N/A
189	1289	MALHARGARH	BHOPAL	BSNL	2 Mbps	TVSAT	N/A
190	1429	SABALGARH	BHOPAL	BSNL	2 Mbps	AVSAT	N/A
191	1465	NARRAI	BHOPAL	BSNL	2 Mbps	HVSAT	N/A
192	1488	SANKAL	BHOPAL	BSNL	2 Mbps	HVSAT	N/A
193	1544	SHUKLHARI	BHOPAL	BSNL	2 Mbps	AVSAT	N/A
194	1560	BADKHEDA	BHOPAL	BSNL	2 Mbps	N/A	N/A
195	1659	CHHATRI BAZAR,GWALIOR	BHOPAL	BSNL	2 Mbps	N/A	N/A
196	2153	SATNA	BHOPAL	BSNL	2 Mbps	N/A	N/A
197	3082	MUNGAOLI	BHOPAL	BSNL	2 Mbps	AVSAT	N/A
198	3083	MANDLA	BHOPAL	BSNL	2 Mbps	AVSAT	N/A
199	3148	TIKAMGARH	BHOPAL	BSNL	2 Mbps	AVSAT	N/A
200	290	PURI - BHUBANESHWAR	BHUBANESW AR	BSNL	2 Mbps	TVSAT	N/A
201	387	BARAMBA	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
202	406	NARSINGPUR	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
203	418	KHANDAPARA	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
204	427	BANPUR	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
205	436	RANPUR	BHUBANESW AR	BSNL	2 Mbps	AVSAT	N/A
206	438	TIGIRIA	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
207	557	KANTILO	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
208	580	BARANG	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
209	780	KUANPAL	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
210	810	RAKIA	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
211	840	KAKATPUR	BHUBANESW AR	BSNL	2 Mbps	TVSAT	N/A
212	847	BANAMALIPUR	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
213	1032	DAMPARA	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
214	1036	PHIRINGIA	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
215	1160	BADAKHOLI	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
216	1262	SANTOSH PUR	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
217	1573	NANDIGHAR	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
218	1733	BEGUNIA	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
219	1767	CHAMPESWAR	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A
220	1769	SURYA NAGAR - BHUBANESWAR BHUBANESWAR	BHUBANESW AR	BSNL	2 Mbps	N/A	N/A
221	1779	ORANDA	BHUBANESW AR	BSNL	2 Mbps	HVSAT	N/A

222	2006	KONARK UCO	BHUBANESWAR	BSNL	2 Mbps	HVSAT	N/A
223	2062	SHREE JAGANNATH TEMPLE	BHUBANESWAR	BSNL	2 Mbps	TVSAT	N/A
224	2340	CHATRAPUR	BHUBANESWAR	BSNL	2 Mbps	N/A	N/A
225	2434	PIPILI	BHUBANESWAR	BSNL	2 Mbps	TVSAT	N/A
226	2849	MIRGANGUDA	BHUBANESWAR	BSNL	2 Mbps	HVSAT	N/A
227	2947	BALIGUDA	BHUBANESWAR	BSNL	2 Mbps	HVSAT	N/A
228	3029	MALKANGIRI	BHUBANESWAR	BSNL	2 Mbps	HVSAT	N/A
229	353	JHANTIPAHARI	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
230	408	KULTI	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
231	410	DISSERGARH BURDWAN	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
232	412	PATRASIRE	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
233	606	BUDBUD	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
234	646	RAIPUR(WB)	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
235	647	PATULI	BURDWAN	BSNL	2 Mbps	TVSAT	N/A
236	665	BADKULLA	BURDWAN	BSNL	2 Mbps	AVSAT	N/A
237	670	GANGATIKURI	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
238	740	NUTANHAT	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
239	787	DEBIPUR	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
240	821	SINGERKONE	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
241	826	AUSGRAM	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
242	905	NASRATHPUR	BURDWAN	BSNL	2 Mbps	TVSAT	N/A
243	922	SALANPUR	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
244	1010	UCHALAN	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
245	1013	ALAMGANJ	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
246	1120	AMRARGARH	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
247	2086	CHAKDAHA	BURDWAN	BSNL	2 Mbps	N/A	N/A
248	2175	RAGHUNATHPUR BURDWAN	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
249	2176	ANARA	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
250	2197	KALYANI	BURDWAN	BSNL	2 Mbps	N/A	N/A
251	2234	KALNA	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
252	2328	UKHRA	BURDWAN	BSNL	2 Mbps	AVSAT	N/A
253	2343	KOTULPUR	BURDWAN	BSNL	2 Mbps	TVSAT	N/A
254	2345	HARINGHATA	BURDWAN	BSNL	2 Mbps	TVSAT	N/A
255	2406	CHANDRAPUR BURDWAN	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
256	2787	KAICHAR	BURDWAN	BSNL	2 Mbps	HVSAT	N/A
257	2807	GHURNI	BURDWAN	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
258	3203	MAJIGRAM	BURDWAN	BSNL	2 Mbps	AVSAT	N/A
259	236	SECTOR 17B-CHANDIGARH	CHANDIGARH	BSNL	2 Mbps	TATA	128 Kbps
260	417	SANGHOL	CHANDIGARH	BSNL	2 Mbps	TVSAT	N/A
261	437	SINGH BHAGWANTPURA	CHANDIGARH	BSNL	2 Mbps	HVSAT	N/A
262	468	KHIZRABAD	CHANDIGARH	BSNL	2 Mbps	HVSAT	N/A
263	498	GHURANI KALAN	CHANDIGARH	BSNL	2 Mbps	TVSAT	N/A

264	520	BHARATGARH	CHANDIGARH	BSNL	2 Mbps	HVSAT	N/A
265	523	LANDRAN	CHANDIGARH	BSNL	2 Mbps	TVSAT	N/A
266	560	PURKHALI	CHANDIGARH	BSNL	2 Mbps	HVSAT	N/A
267	611	RASULPUR	CHANDIGARH	BSNL	2 Mbps	TVSAT	N/A
268	659	AYALI KALAN	CHANDIGARH	BSNL	2 Mbps	TVSAT	N/A
269	761	BELA	CHANDIGARH	BSNL	2 Mbps	HVSAT	N/A
270	765	HABOWAL KALAN	CHANDIGARH	BSNL	2 Mbps	N/A	N/A
271	1107	KALAKH	CHANDIGARH	BSNL	2 Mbps	TVSAT	N/A
272	1317	BHUNDRI	CHANDIGARH	BSNL	2 Mbps	TVSAT	N/A
273	1330	BEHLANA,CHANDIGA	CHANDIGARH	BSNL	2 Mbps	N/A	N/A
274	1464	BHALLAN	CHANDIGARH	BSNL	2 Mbps	TVSAT	N/A
275	2051	SECTOR-38	CHANDIGARH	BSNL	2 Mbps	N/A	N/A
276	2287	JHANSLA CHANDIGARH	CHANDIGARH	BSNL	2 Mbps	HVSAT	N/A
277	2510	BARNALA	CHANDIGARH	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
278	2992	MORINDA	CHANDIGARH	BSNL	2 Mbps	HVSAT	N/A
279	3022	SAMRALA	CHANDIGARH	BSNL	2 Mbps	HVSAT	N/A
280	329	SHASTRINAGAR BRANCH	CHENNAI	BSNL	2 Mbps	ISDN	N/A
281	481	KANCHEEPURAM	CHENNAI	BSNL	2 Mbps	ISDN	N/A
282	578	KARAIKAL-CHENNAI	CHENNAI	BSNL	2 Mbps	ISDN	N/A
283	588	NEW WASHERMANPET - CHENNAI	CHENNAI	BSNL	2 Mbps	ISDN	N/A
284	783	TRIPLICANE	CHENNAI	BSNL	2 Mbps	N/A	N/A
285	844	ANNASALAI	CHENNAI	BSNL	2 Mbps	N/A	N/A
286	1972	AFT MUDALIARPET	CHENNAI	BSNL	2 Mbps	ISDN	N/A
287	2089	VELACHERY	CHENNAI	BSNL	2 Mbps	N/A	N/A
288	2100	ANNA NAGAR WEST CHENNAI	CHENNAI	BSNL	2 Mbps	N/A	N/A
289	2213	THIRUVANNA MALAI	CHENNAI	BSNL	2 Mbps	HVSAT	N/A
290	2366	MOGAPPAIR	CHENNAI	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
291	2513	GUDUVANCHERY	CHENNAI	BSNL	2 Mbps	HVSAT	N/A
292	2625	NARASINGHAPURAM	CHENNAI	BSNL	2 Mbps	HVSAT	N/A
293	2626	PAKKAM	CHENNAI	BSNL	2 Mbps	HVSAT	N/A
294	2924	NEYVELI	CHENNAI	BSNL	2 Mbps	N/A	N/A
295	137	NAGAPATTINAM	COIMBATORE	BSNL	2 Mbps	N/A	N/A
296	545	MAMSAPURAM	COIMBATORE	BSNL	2 Mbps	N/A	N/A
297	1593	SALAI RD TIRUCHIRAPALLY	COIMBATORE	BSNL	2 Mbps	ISDN	N/A
298	1795	TIRUPUR	COIMBATORE	BSNL	2 Mbps	ISDN	N/A
299	1973	GOVERNMENT-ARTS-COLLEGE	COIMBATORE	BSNL	2 Mbps	N/A	N/A
300	2090	TIRUPUR MIDCORPORATE	COIMBATORE	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
301	2217	GOBICHETTY PALAYAM	COIMBATORE	BSNL	2 Mbps	HVSAT	N/A
302	2409	VADIPATTI	COIMBATORE	BSNL	2 Mbps	N/A	N/A
303	3000	R S PURAM	COIMBATORE	BSNL	2 Mbps	RELIANCE	128 Kbps

						(RF/F)	
304	3003	TNNLS	COIMBATORE	BSNL	2 Mbps	HVSAT	N/A
305	3353	TIRUNAGAR	COIMBATORE	BSNL	2 Mbps	N/A	N/A
306	364	GADARPUR	DEHRADUN	BSNL	2 Mbps	HVSAT	N/A
307	768	KAUSANI	DEHRADUN	BSNL	2 Mbps	HVSAT	N/A
308	769	BHIKIASAN	DEHRADUN	BSNL	2 Mbps	N/A	N/A
309	870	KAPKOTE	DEHRADUN	BSNL	2 Mbps	TVSAT	N/A
310	1034	SAHARFATAK	DEHRADUN	BSNL	2 Mbps	N/A	N/A
311	2260	ROORKEE RAMNAGAR	DEHRADUN	BSNL	2 Mbps	HVSAT	N/A
312	2261	BASANT VIHAR DEHRADUN	DEHRADUN	BSNL	2 Mbps	HVSAT	N/A
313	2262	KASHIPUR INDUSTRIAL ESTATE	DEHRADUN	BSNL	2 Mbps	HVSAT	N/A
314	2348	SITARGANJ	DEHRADUN	BSNL	2 Mbps	TVSAT	N/A
315	2449	TANAKPUR	DEHRADUN	BSNL	2 Mbps	AVSAT	N/A
316	2796	GARHI CANTT	DEHRADUN	BSNL	2 Mbps	N/A	N/A
317	2963	SHANTIPURI	DEHRADUN	BSNL	2 Mbps	HVSAT	N/A
318	3096	SABHAWALA	DEHRADUN	BSNL	2 Mbps	HVSAT	N/A
319	3129	HARIPUR KHURD	DEHRADUN	BSNL	2 Mbps	N/A	N/A
320	3194	GOPESHWAR	DEHRADUN	BSNL	2 Mbps	HVSAT	N/A
321	3253	MUSSOORIE	DEHRADUN	BSNL	2 Mbps	HVSAT	N/A
322	581	JUKHALA	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A
323	767	JHANDUTTA	DHARAMSHA LA	BSNL	2 Mbps	TVSAT	N/A
324	802	BERTHIN	DHARAMSHA LA	BSNL	2 Mbps	AVSAT	N/A
325	967	RAISON	DHARAMSHA LA	BSNL	2 Mbps	AVSAT	N/A
326	1068	LAMBAGAON	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A
327	1183	KUTHERA	DHARAMSHA LA	BSNL	2 Mbps	AVSAT	N/A
328	1184	RANGAS	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A
329	1189	LATHIANI	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A
330	1190	NEHRIAN	DHARAMSHA LA	BSNL	2 Mbps	TVSAT	N/A
331	1237	SOHARI TAKOLI	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A
332	1250	BERI	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A
333	1265	MALAN	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A
334	1355	GEHRWIN	DHARAMSHA LA	BSNL	2 Mbps	AVSAT	N/A
335	1409	DULEHAR	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A
336	1414	KIHAR	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A
337	1425	KALOL DHARAMSHALA	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A
338	1506	THATAL	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A
339	2058	BBNT DEOTSIDH	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A
340	2227	GAGRET	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A
341	2229	MEHATPUR	DHARAMSHA LA	BSNL	2 Mbps	HVSAT	N/A

342	2230	TAHLIWALA	DHARAMSHALA	BSNL	2 Mbps	HVSAT	N/A
343	2231	SHAHPUR DHARAMSHALA	DHARAMSHALA	BSNL	2 Mbps	HVSAT	N/A
344	2467	BHAGSUNAG	DHARAMSHALA	BSNL	2 Mbps	HVSAT	N/A
345	2936	KEYLONG	DHARAMSHALA	BSNL	2 Mbps	HVSAT	N/A
346	2937	SANDHOL	DHARAMSHALA	BSNL	2 Mbps	AVSAT	N/A
347	242	WILLINGDON ISLAND	ERNAKULAM	BSNL	2 Mbps	N/A	N/A
348	1660	FORT COCHIN	ERNAKULAM	BSNL	2 Mbps	N/A	N/A
349	2238	BALARAMAPURAM	ERNAKULAM	BSNL	2 Mbps	HVSAT	N/A
350	2239	VATTAPPARA	ERNAKULAM	BSNL	2 Mbps	HVSAT	N/A
351	2549	NEERAMANKARA	ERNAKULAM	BSNL	2 Mbps	N/A	N/A
352	2905	KUDAPPANAKUNNU	ERNAKULAM	BSNL	2 Mbps	N/A	N/A
353	3143	KUNNAMKULAM	ERNAKULAM	BSNL	2 Mbps	HVSAT	N/A
354	89	SHILLONG GUWAHATI	GUWAHATI	BSNL	2 Mbps	N/A	N/A
355	395	SARTHEBARI	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
356	396	TIHU	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
357	404	SAPATGRAM	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
358	405	GAURIPUR	GUWAHATI	BSNL	2 Mbps	TVSAT	N/A
359	495	KOKRAJHAR	GUWAHATI	BSNL	2 Mbps	N/A	N/A
360	499	DOTMA	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
361	500	SONAPUR - GUWAHATI GUWAHATI	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
362	501	HOWLI	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
363	502	BIJNI	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
364	505	GOSSAIGAON	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
365	540	GORESWAR	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
366	625	DUDHNAI	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
367	677	JALAGHAT	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
368	715	GOALPARA	GUWAHATI	BSNL	2 Mbps	TVSAT	N/A
369	728	CHAPAR	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
370	771	TAMULPUR	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
371	773	MUKALMUWA	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
372	790	AGAMONI	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
373	887	BHELLA	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
374	888	FAKIRAGRAM	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
375	1030	CHANDRAPUR GUWAHATI	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
376	1206	RANIGANJ-GUWAHATI	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
377	1207	BEZARA	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
378	1338	BARPETA	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
379	1427	DOBOK	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
380	1681	BARKANDA	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
381	2005	ASSAM UNIVERSITY GUWAHATI	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
382	2276	BARPETA ROAD	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
383	2472	BHETAPARA	GUWAHATI	BSNL	2 Mbps	TVSAT	N/A
384	2635	SILCOORIE GRANT	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
385	2642	MANKACHAR II	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
386	2645	THEKASHU PT-II	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
387	2646	BALADMARI CHAR PT-II	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A

388	2650	BHANGAMARI	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
389	2757	NONGPOH	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
390	2823	MANDIA	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
391	2957	JAGI ROAD	GUWAHATI	BSNL	2 Mbps	HVSAT	N/A
392	3036	CHANGSARI	GUWAHATI	SIFY	2 Mbps	N/A	N/A
393	175	PINJORE	HARYANA	BSNL	2 Mbps	TVSAT	N/A
394	901	KAPRO	HARYANA	BSNL	2 Mbps	HVSAT	N/A
395	1852	PANCHKULA (HARYANA)	HARYANA	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
396	2317	CHARKHI DADRI	HARYANA	BSNL	2 Mbps	TVSAT	N/A
397	2321	ISMAILABAD	HARYANA	BSNL	2 Mbps	TVSAT	N/A
398	2322	GHARAUNDA	HARYANA	BSNL	2 Mbps	TVSAT	N/A
399	2490	SANAULI	HARYANA	BSNL	2 Mbps	HVSAT	N/A
400	2584	BHAPRODE	HARYANA	BSNL	2 Mbps	HVSAT	N/A
401	3004	MAHENDERGARH	HARYANA	BSNL	2 Mbps	HVSAT	N/A
402	3006	KALAYAT	HARYANA	BSNL	2 Mbps	HVSAT	N/A
403	3012	RAMGARH HARYANA	HARYANA	BSNL	2 Mbps	HVSAT	N/A
404	3014	KANINA	HARYANA	BSNL	2 Mbps	HVSAT	N/A
405	3103	NARNAUL	HARYANA	BSNL	2 Mbps	HVSAT	N/A
406	3233	TAURU	HARYANA	BSNL	2 Mbps	HVSAT	N/A
407	305	KOTRUNG	HOOGHLY	BSNL	2 Mbps	N/A	N/A
408	415	AMALGORA HOOGHLY	HOOGHLY	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
409	433	KHIRPAI	HOOGHLY	BSNL	2 Mbps	AVSAT	N/A
410	434	RAMJIBANPUR	HOOGHLY	BSNL	2 Mbps	AVSAT	N/A
411	442	KHARAR HOOGHLY	HOOGHLY	BSNL	2 Mbps	HVSAT	N/A
412	472	GURAP	HOOGHLY	BSNL	2 Mbps	AVSAT	N/A
413	706	SERAMPORE	HOOGHLY	BSNL	2 Mbps	N/A	N/A
414	799	JANGALPARA	HOOGHLY	BSNL	2 Mbps	N/A	N/A
415	917	RAJBALHAT	HOOGHLY	BSNL	2 Mbps	N/A	N/A
416	936	BHADRAKALI	HOOGHLY	BSNL	2 Mbps	N/A	N/A
417	1325	BINPUR	HOOGHLY	BSNL	2 Mbps	HVSAT	N/A
418	1662	BHAIRABPUR	HOOGHLY	BSNL	2 Mbps	AVSAT	N/A
419	1786	KANTHAL BAGAN	HOOGHLY	BSNL	2 Mbps	N/A	N/A
420	3252	KHELAR	HOOGHLY	BSNL	2 Mbps	HVSAT	N/A
421	222	VIJAYAWADA 2 MAIN - HYDERABAD	HYDERABAD	BSNL	2 Mbps	N/A	N/A
422	510	SANGAREDDY	HYDERABAD	BSNL	2 Mbps	N/A	N/A
423	590	NAGALAPURAM	HYDERABAD	BSNL	2 Mbps	HVSAT	N/A
424	1496	SURAMPALLY	HYDERABAD	BSNL	2 Mbps	HVSAT	N/A
425	1750	ANANTHPUR	HYDERABAD	BSNL	2 Mbps	N/A	N/A
426	1752	VENKATESHWARAPURAM - HYDERABAD	HYDERABAD	BSNL	2 Mbps	N/A	N/A
427	1905	JUBILEE HILLS - HYDERABAD	HYDERABAD	BSNL	2 Mbps	N/A	N/A
428	1907	WARRANGAL - HYDERABAD	HYDERABAD	BSNL	2 Mbps	N/A	N/A
429	2019	MEHBOOB NAGAR - HYDERABAD	HYDERABAD	BSNL	2 Mbps	N/A	N/A
430	2187	NIZAMABAD	HYDERABAD	BSNL	2 Mbps	N/A	N/A
431	2268	FLAGSHIP CORPORATE	HYDERABAD	BSNL	2 Mbps	TATA	128 Kbps
432	2271	MACHILIPATNAM	HYDERABAD	BSNL	2 Mbps	HVSAT	N/A
433	2274	ONGOLE	HYDERABAD	BSNL	2 Mbps	HVSAT	N/A

434	2864	GUDEM KOTHA VEEDHI	HYDERABAD	BSNL	2 Mbps	HVSAT	N/A
435	102	BIRLAGRAM NAGDA	INDORE	BSNL	2 Mbps	N/A	N/A
436	1083	SAWAN	INDORE	BSNL	2 Mbps	HVSAT	N/A
437	1091	DIKEN	INDORE	BSNL	2 Mbps	HVSAT	N/A
438	1092	SARWANIA MAHARAJ	INDORE	BSNL	2 Mbps	HVSAT	N/A
439	1281	SARVAN	INDORE	BSNL	2 Mbps	HVSAT	N/A
440	1283	GULANA-INDORE	INDORE	BSNL	2 Mbps	HVSAT	N/A
441	1284	BICHROD	INDORE	BSNL	2 Mbps	HVSAT	N/A
442	1286	MAKDON	INDORE	BSNL	2 Mbps	HVSAT	N/A
443	1287	KAYAMPUR	INDORE	BSNL	2 Mbps	AVSAT	N/A
444	1288	CHANDWASA	INDORE	BSNL	2 Mbps	HVSAT	N/A
445	1345	KALMUKHI	INDORE	BSNL	2 Mbps	HVSAT	N/A
446	1461	JAGOTI	INDORE	BSNL	2 Mbps	HVSAT	N/A
447	1463	GHINODA	INDORE	BSNL	2 Mbps	HVSAT	N/A
448	1466	BHAGORA	INDORE	BSNL	2 Mbps	HVSAT	N/A
449	1717	Dariyapur	INDORE	BSNL	2 Mbps	HVSAT	N/A
450	2246	DHAR	INDORE	BSNL	2 Mbps	HVSAT	N/A
451	2247	PITHAMPUR	INDORE	BSNL	2 Mbps	HVSAT	N/A
452	2439	ASHTA	INDORE	BSNL	2 Mbps	N/A	N/A
453	2565	TIMARNI	INDORE	BSNL	2 Mbps	AVSAT	N/A
454	2566	SHYAMPUR INDORE	INDORE	BSNL	2 Mbps	AVSAT	N/A
455	2800	NIPANIYA	INDORE	BSNL	2 Mbps	HVSAT	N/A
456	2866	BADNAGAR	INDORE	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
457	2993	MEGHNAGAR	INDORE	BSNL	2 Mbps	HVSAT	N/A
458	2994	ALIRAJPUR	INDORE	BSNL	2 Mbps	HVSAT	N/A
459	11	JOHARI BAZAR-JAIPUR	JAIPUR	BSNL	2 Mbps	N/A	N/A
460	209	AGRA ROAD JAIPUR	JAIPUR	BSNL	2 Mbps	N/A	N/A
461	323	NARAINA	JAIPUR	BSNL	2 Mbps	HVSAT	N/A
462	486	KOTPUTLI	JAIPUR	BSNL	2 Mbps	HVSAT	N/A
463	616	DUNDLOD	JAIPUR	BSNL	2 Mbps	HVSAT	N/A
464	640	SAINTHAL	JAIPUR	BSNL	2 Mbps	HVSAT	N/A
465	725	BASWA	JAIPUR	BSNL	2 Mbps	TVSAT	N/A
466	1059	CHITORA RENWAL	JAIPUR	BSNL	2 Mbps	HVSAT	N/A
467	1084	MANDA BHIMSINGH	JAIPUR	BSNL	2 Mbps	HVSAT	N/A
468	1085	BARIYAL KALAN	JAIPUR	BSNL	2 Mbps	HVSAT	N/A
469	1152	CHANDLAI	JAIPUR	BSNL	2 Mbps	AVSAT	N/A
470	1174	22 GODOWN JAIPUR	JAIPUR	BSNL	2 Mbps	N/A	N/A
471	1552	JAWAHARNAGAR JAIPUR	JAIPUR	BSNL	2 Mbps	N/A	N/A
472	1650	LAHRI KA BAS	JAIPUR	BSNL	2 Mbps	HVSAT	N/A
473	1796	NEI JAIPUR	JAIPUR	BSNL	2 Mbps	N/A	N/A
474	1883	TILAK NAGAR	JAIPUR	BSNL	2 Mbps	N/A	N/A
475	1884	GSI_JHALANA_DUNGRI	JAIPUR	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
476	1996	SIKAR - SKS	JAIPUR	BSNL	2 Mbps	N/A	N/A
477	2027	UNIVERSITY OF RAJASTHAN	JAIPUR	BSNL	2 Mbps	N/A	N/A
478	2156	SIRSI_ROAD	JAIPUR	BSNL	2 Mbps	N/A	N/A
479	2258	JHOTWARA	JAIPUR	BSNL	2 Mbps	HVSAT	N/A
480	2259	MAHESH NAGAR	JAIPUR	BSNL	2 Mbps	HVSAT	N/A

481	2393	SITAPURA	JAIPUR	BSNL	2 Mbps	TVSAT	N/A
482	2592	KUMHER	JAIPUR	BSNL	2 Mbps	N/A	N/A
483	2593	CHURU	JAIPUR	BSNL	2 Mbps	N/A	N/A
484	3142	KANOTA	JAIPUR	BSNL	2 Mbps	HVSAT	N/A
485	3192	MUNDIA RAMSAR	JAIPUR	BSNL	2 Mbps	HVSAT	N/A
486	3197	NIWARU	JAIPUR	BSNL	2 Mbps	HVSAT	N/A
487	3234	MUHANA MANDI ROAD	JAIPUR	BSNL	2 Mbps	HVSAT	N/A
488	320	BHOLATH KAPURTHALA	JALANDHAR	BSNL	2 Mbps	AVSAT	N/A
489	354	SOPORE	JALANDHAR	BSNL	2 Mbps	HVSAT	N/A
490	456	TALWAN	JALANDHAR	BSNL	2 Mbps	TVSAT	N/A
491	467	SIDHWAN	JALANDHAR	BSNL	2 Mbps	TVSAT	N/A
492	559	PARTABPURA	JALANDHAR	BSNL	2 Mbps	TVSAT	N/A
493	1102	KOHALA	JALANDHAR	BSNL	2 Mbps	TVSAT	N/A
494	1468	BHAINI MIAN KHAN	JALANDHAR	BSNL	2 Mbps	TVSAT	N/A
495	1924	KHOJKIPUR	JALANDHAR	BSNL	2 Mbps	TVSAT	N/A
496	1961	SYMBAL_CHOWK	JALANDHAR	BSNL	2 Mbps	N/A	N/A
497	2303	BEGOWAL	JALANDHAR	BSNL	2 Mbps	TVSAT	N/A
498	2308	JANDIALA	JALANDHAR	BSNL	2 Mbps	TVSAT	N/A
499	2309	LOHIAN KHAS	JALANDHAR	BSNL	2 Mbps	TVSAT	N/A
500	2379	SULTANPUR LODHI	JALANDHAR	BSNL	2 Mbps	HVSAT	N/A
501	2478	GURU GOBIND SINGH AVENUE	JALANDHAR	BSNL	2 Mbps	N/A	N/A
502	2537	DHARIWAL	JALANDHAR	BSNL	2 Mbps	N/A	N/A
503	2928	HUSSAINPUR	JALANDHAR	BSNL	2 Mbps	HVSAT	N/A
504	3118	PATARA	JALANDHAR	BSNL	2 Mbps	HVSAT	N/A
505	3167	NAUSHERA	JALANDHAR	BSNL	2 Mbps	HVSAT	N/A
506	343	JETSAR	JODHPUR	BSNL	2 Mbps	AVSAT	N/A
507	464	ASOP	JODHPUR	BSNL	2 Mbps	HVSAT	N/A
508	538	BAORI	JODHPUR	BSNL	2 Mbps	TVSAT	N/A
509	573	BIKANER CITY	JODHPUR	BSNL	2 Mbps	ISDN	N/A
510	881	BAP	JODHPUR	BSNL	2 Mbps	HVSAT	N/A
511	976	SETRAWAS	JODHPUR	BSNL	2 Mbps	HVSAT	N/A
512	1067	PEELWA	JODHPUR	BSNL	2 Mbps	HVSAT	N/A
513	1095	CHAMU	JODHPUR	BSNL	2 Mbps	HVSAT	N/A
514	1187	KHARIYA MITHPUR	JODHPUR	BSNL	2 Mbps	HVSAT	N/A
515	1196	DECHU	JODHPUR	BSNL	2 Mbps	HVSAT	N/A
516	1219	DHAVA	JODHPUR	BSNL	2 Mbps	HVSAT	N/A
517	1222	BELWA	JODHPUR	BSNL	2 Mbps	AVSAT	N/A
518	1302	AGOLAI	JODHPUR	BSNL	2 Mbps	TVSAT	N/A
519	1304	KHANGTA	JODHPUR	BSNL	2 Mbps	HVSAT	N/A
520	1305	KEROO	JODHPUR	BSNL	2 Mbps	HVSAT	N/A
521	1354	SARDARGARH	JODHPUR	BSNL	2 Mbps	HVSAT	N/A
522	2244	BHATI CIRCLE	JODHPUR	BSNL	2 Mbps	N/A	N/A
523	2385	PALI ROAD	JODHPUR	BSNL	2 Mbps	N/A	N/A
524	2779	HIRNAWALI	JODHPUR	BSNL	2 Mbps	N/A	N/A
525	3338	BHINMAL	JODHPUR	BSNL	2 Mbps	TVSAT	N/A
526	419	CHARALI	JORHAT	BSNL	2 Mbps	TVSAT	N/A
527	503	JAMUGURIHAT	JORHAT	BSNL	2 Mbps	HVSAT	N/A
528	633	MAZBAT	JORHAT	BSNL	2 Mbps	HVSAT	N/A

529	713	GOHPUR	JORHAT	BSNL	2 Mbps	HVSAT	N/A
530	722	SIPAJHAR	JORHAT	BSNL	2 Mbps	HVSAT	N/A
531	791	THELAMARA	JORHAT	BSNL	2 Mbps	HVSAT	N/A
532	794	KALAIGAON	JORHAT	BSNL	2 Mbps	HVSAT	N/A
533	851	BALIPARA	JORHAT	BSNL	2 Mbps	HVSAT	N/A
534	891	KHOWANG	JORHAT	BSNL	2 Mbps	HVSAT	N/A
535	893	TENGAKHAT	JORHAT	BSNL	2 Mbps	AVSAT	N/A
536	1048	BORDUBI	JORHAT	BSNL	2 Mbps	HVSAT	N/A
537	1050	BANDARDEWA	JORHAT	BSNL	2 Mbps	HVSAT	N/A
538	1079	HELEM	JORHAT	BSNL	2 Mbps	HVSAT	N/A
539	1256	GORUBANDHAI	JORHAT	BSNL	2 Mbps	HVSAT	N/A
540	1362	BORDOLONI TINALI	JORHAT	BSNL	2 Mbps	HVSAT	N/A
541	1384	DIKHOWMUKH	JORHAT	BSNL	2 Mbps	HVSAT	N/A
542	1418	GINGIA JORHAT	JORHAT	BSNL	2 Mbps	HVSAT	N/A
543	1456	DOKOMOKA	JORHAT	BSNL	2 Mbps	HVSAT	N/A
544	1504	JENGRAI	JORHAT	BSNL	2 Mbps	HVSAT	N/A
545	1505	JAGUN JORHAT	JORHAT	BSNL	2 Mbps	HVSAT	N/A
546	1718	KHAGRABARI	JORHAT	BSNL	2 Mbps	HVSAT	N/A
547	2241	MARGERITHA	JORHAT	BSNL	2 Mbps	HVSAT	N/A
548	2269	LEPETKATA	JORHAT	BSNL	2 Mbps	HVSAT	N/A
549	2326	TITABAR	JORHAT	BSNL	2 Mbps	HVSAT	N/A
550	2604	DIPHUPARA	JORHAT	BSNL	2 Mbps	HVSAT	N/A
551	3114	DHEMAJI	JORHAT	BSNL	2 Mbps	AVSAT	N/A
552	3115	SILAPATHAR	JORHAT	BSNL	2 Mbps	HVSAT	N/A
553	5	AKOLA KANPUR	KANPUR	BSNL	2 Mbps	HVSAT	N/A
554	97	PINAHAT	KANPUR	BSNL	2 Mbps	AVSAT	N/A
555	301	RAWATPARA	KANPUR	BSNL	2 Mbps	N/A	N/A
556	744	TRIUNCTION	KANPUR	BSNL	2 Mbps	ISDN	N/A
557	3289	MALASA	KANPUR	BSNL	2 Mbps	HVSAT	N/A
558	3299	Kaushambi	KANPUR	BSNL	2 Mbps	HVSAT	N/A
559	674	RAMNAGAR KOLKATA	KOLKATA	BSNL	2 Mbps	HVSAT	N/A
560	880	DIAMOND HARBOUR - 24 PGS (S)	KOLKATA	BSNL	2 Mbps	N/A	N/A
561	929	Kolkata - Alipore Belvedere Road	KOLKATA	BSNL	2 Mbps	N/A	N/A
562	1000	JATINDRA MOHAN AVENUE	KOLKATA	BSNL	2 Mbps	N/A	N/A
563	1761	PURNA DAS ROAD	KOLKATA	BSNL	2 Mbps	N/A	N/A
564	1790	RABINDRANAGAR	KOLKATA	BSNL	2 Mbps	N/A	N/A
565	1875	EKTP, SURVEY PARK	KOLKATA	BSNL	2 Mbps	N/A	N/A
566	3368	Boral	KOLKATA	BSNL	2 Mbps	N/A	N/A
567	385	MAHMUDABAD	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
568	961	FAIZABAD	LUCKNOW	BSNL	2 Mbps	N/A	N/A
569	1259	BAKKAS	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
570	1260	SAMESHI	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
571	1309	CHANDRAWAL	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
572	2270	INDRA NAGAR	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
573	2281	RAEBARELI	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
574	2515	GOSSAINGANJ	LUCKNOW	BSNL	2 Mbps	AVSAT	N/A
575	2876	MALL BRANCH	LUCKNOW	BSNL	2 Mbps	AVSAT	N/A

576	2883	SHIVGARH	LUCKNOW	BSNL	2 Mbps	AVSAT	N/A
577	2887	SHORA-GANGAGANJ	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
578	2934	SAMASPUR HALORE	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
579	2943	GAURIGANJ	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
580	2944	KARHIYA BAZAR	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
581	2946	PRASHADEPUR	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
582	3044	SALONE	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
583	3162	SUBEHA	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
584	205	KANDHLA	MEERUT	BSNL	2 Mbps	TVSAT	N/A
585	261	SIMBHAOLI	MEERUT	BSNL	2 Mbps	HVSAT	N/A
586	369	BISHARAT NAGAR	MEERUT	BSNL	2 Mbps	HVSAT	N/A
587	552	AMBEHTA	MEERUT	BSNL	2 Mbps	TVSAT	N/A
588	695	SENTHAL	MEERUT	BSNL	2 Mbps	HVSAT	N/A
589	717	TAHARPUR BHABISA	MEERUT	BSNL	2 Mbps	HVSAT	N/A
590	839	MUZAFFARABAD	MEERUT	BSNL	2 Mbps	TVSAT	N/A
591	1121	SULTANPUR MEERUT	MEERUT	BSNL	2 Mbps	HVSAT	N/A
592	1527	RAHAMATPUR	MEERUT	BSNL	2 Mbps	HVSAT	N/A
593	1744	DHAULI PIAU MATHURA	MEERUT	BSNL	2 Mbps	N/A	N/A
594	1754	CIVIL LINES - MORADABAD	MEERUT	BSNL	2 Mbps	N/A	N/A
595	1876	SMIC-ALIGARH	MEERUT	BSNL	2 Mbps	HVSAT	N/A
596	2266	VRINDAVAN	MEERUT	BSNL	2 Mbps	HVSAT	N/A
597	443	MOHPA	NAGPUR	BSNL	2 Mbps	HVSAT	N/A
598	466	JALGAON	NAGPUR	BSNL	2 Mbps	N/A	N/A
599	911	GHUGUS	NAGPUR	BSNL	2 Mbps	TVSAT	N/A
600	912	BALLARPUR	NAGPUR	BSNL	2 Mbps	HVSAT	N/A
601	913	NEW MAJRI BRANCH	NAGPUR	BSNL	2 Mbps	HVSAT	N/A
602	1383	SIRSI	NAGPUR	BSNL	2 Mbps	HVSAT	N/A
603	1401	NAGARDHAN	NAGPUR	BSNL	2 Mbps	HVSAT	N/A
604	1449	NIMBA	NAGPUR	BSNL	2 Mbps	HVSAT	N/A
605	1931	KATOL ROAD NAGPUR	NAGPUR	BSNL	2 Mbps	N/A	N/A
606	2206	GANGAKHED	NAGPUR	BSNL	2 Mbps	AVSAT	N/A
607	2236	YAVATMAL	NAGPUR	BSNL	2 Mbps	HVSAT	N/A
608	2706	KANOLIBARA	NAGPUR	BSNL	2 Mbps	HVSAT	N/A
609	3092	HINGOLI	NAGPUR	BSNL	2 Mbps	HVSAT	N/A
610	3307	AVHANE	NAGPUR	BSNL	2 Mbps	TVSAT	N/A
611	2532	BIJWASAN	NEW DELHI	MTNL	2 Mbps	HVSAT	N/A
612	3070	INDERGARHI	NEW DELHI	BSNL	2 Mbps	HVSAT	N/A
613	62	PATNA MAIN (EXHIBITION ROAD) & PATNA SERVI	PATNA	BSNL	2 Mbps	TATA	128 Kbps
614	284	GAYA	PATNA	BSNL	2 Mbps	N/A	N/A
615	291	JHAJHA	PATNA	BSNL	2 Mbps	HVSAT	N/A
616	401	SURAJGARHA PATNA	PATNA	BSNL	2 Mbps	HVSAT	N/A
617	485	CHAKAI	PATNA	BSNL	2 Mbps	HVSAT	N/A
618	541	SARAI	PATNA	BSNL	2 Mbps	HVSAT	N/A
619	566	BARAHIYA	PATNA	BSNL	2 Mbps	TVSAT	N/A
620	576	BOCHAHA	PATNA	BSNL	2 Mbps	HVSAT	N/A
621	597	GIDHAUR	PATNA	BSNL	2 Mbps	HVSAT	N/A
622	615	MM COLLEGE GAYA	PATNA	BSNL	2 Mbps	AVSAT	N/A
623	656	PIRIBAZAR	PATNA	BSNL	2 Mbps	HVSAT	N/A

624	724	PATLIPUTRA IND. AREA	PATNA	BSNL	2 Mbps	N/A	N/A
625	830	SONO	PATNA	BSNL	2 Mbps	HVSAT	N/A
626	944	DARBHANGA	PATNA	BSNL	2 Mbps	HVSAT	N/A
627	1072	ARRAH PATNA	PATNA	BSNL	2 Mbps	TVSAT	N/A
628	1218	JAMUI	PATNA	BSNL	2 Mbps	HVSAT	N/A
629	1546	PANDAUL	PATNA	BSNL	2 Mbps	HVSAT	N/A
630	1559	ARIYARI	PATNA	BSNL	2 Mbps	HVSAT	N/A
631	1633	BIDYAJHAM	PATNA	BSNL	2 Mbps	TVSAT	N/A
632	1636	SALEMPUR PATNA	PATNA	BSNL	2 Mbps	AVSAT	N/A
633	1638	KENDUA	PATNA	BSNL	2 Mbps	HVSAT	N/A
634	1639	BARA	PATNA	BSNL	2 Mbps	HVSAT	N/A
635	1691	GUNRI	PATNA	BSNL	2 Mbps	HVSAT	N/A
636	1797	BUXAR	PATNA	BSNL	2 Mbps	TVSAT	N/A
637	1817	BETTIAH	PATNA	BSNL	2 Mbps	HVSAT	N/A
638	2119	BEHEA	PATNA	BSNL	2 Mbps	HVSAT	N/A
639	2132	DUMRAON	PATNA	BSNL	2 Mbps	HVSAT	N/A
640	2134	JAGDISHPUR PATNA	PATNA	BSNL	2 Mbps	AVSAT	N/A
641	2298	RAZABAZAR-BIHAR	PATNA	BSNL	2 Mbps	N/A	N/A
642	2353	BALISONBARSA	PATNA	BSNL	2 Mbps	HVSAT	N/A
643	2474	EKMA-SARAN	PATNA	BSNL	2 Mbps	AVSAT	N/A
644	2535	BODH GAYA	PATNA	BSNL	2 Mbps	N/A	N/A
645	2769	MANER	PATNA	BSNL	2 Mbps	AVSAT	N/A
646	2770	ARWAL	PATNA	BSNL	2 Mbps	HVSAT	N/A
647	2955	SHERGHATI	PATNA	BSNL	2 Mbps	AVSAT	N/A
648	3028	SHEOHAR	PATNA	BSNL	2 Mbps	HVSAT	N/A
649	3179	PHOOLWARI SHARIF	PATNA	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
650	3181	JALALPUR	PATNA	BSNL	2 Mbps	HVSAT	N/A
651	3182	SHEIKHPURA	PATNA	BSNL	2 Mbps	HVSAT	N/A
652	314	MARDOLGOA	PUNE	BSNL	2 Mbps	TVSAT	N/A
653	327	KALAMB	PUNE	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
654	365	KHEDSHIVAPUR	PUNE	BSNL	2 Mbps	HVSAT	N/A
655	687	DECCAN GYMKHANA - PUNE	PUNE	BSNL	2 Mbps	TATA	128 Kbps
656	1065	DHULE	PUNE	BSNL	2 Mbps	HVSAT	N/A
657	1303	MAPUSA-GOA	PUNE	BSNL	2 Mbps	N/A	N/A
658	1431	RAHU	PUNE	BSNL	2 Mbps	HVSAT	N/A
659	1565	SANGVI	PUNE	BSNL	2 Mbps	HVSAT	N/A
660	1684	MUKUNDNAGAR-PUNE	PUNE	BSNL	2 Mbps	N/A	N/A
661	2224	PIMPALGAON	PUNE	BSNL	2 Mbps	HVSAT	N/A
662	2225	TASGAON	PUNE	BSNL	2 Mbps	HVSAT	N/A
663	2226	PONDA GOA	PUNE	BSNL	2 Mbps	HVSAT	N/A
664	2327	SHANI SHINGNAPUR	PUNE	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
665	3186	SAWANTWADI	PUNE	BSNL	2 Mbps	N/A	N/A
666	698	TANDWA	RAIPUR	BSNL	2 Mbps	HVSAT	N/A
667	853	PALLARI	RAIPUR	BSNL	2 Mbps	TVSAT	N/A
668	1003	CHHINDGARGH	RAIPUR	BSNL	2 Mbps	HVSAT	N/A
669	1029	KASDOL	RAIPUR	BSNL	2 Mbps	HVSAT	N/A
670	1110	MARODA	RAIPUR	BSNL	2 Mbps	N/A	N/A

671	1143	BAILADILA	RAIPUR	BSNL	2 Mbps	HVSAT	N/A
672	2098	GOVT.POLYTECHNIC COLL,DURG	RAIPUR	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
673	2249	MAHASAMUND	RAIPUR	BSNL	2 Mbps	HVSAT	N/A
674	2250	RAJNANDGAON	RAIPUR	BSNL	2 Mbps	HVSAT	N/A
675	2407	KANKER	RAIPUR	BSNL	2 Mbps	RELIANCE 4G	128 Kbps
676	2408	NAYA RAIPUR	RAIPUR	BSNL	2 Mbps	N/A	N/A
677	2480	BAIKUNTHPUR	RAIPUR	BSNL	2 Mbps	AVSAT	N/A
678	2713	GATAURA	RAIPUR	BSNL	2 Mbps	HVSAT	N/A
679	2714	PALLARI KODWA	RAIPUR	BSNL	2 Mbps	HVSAT	N/A
680	2948	JANJGIR-NAILA	RAIPUR	BSNL	2 Mbps	HVSAT	N/A
681	3017	KONDAGAON	RAIPUR	BSNL	2 Mbps	AVSAT	N/A
682	3202	KIRANDUL	RAIPUR	BSNL	2 Mbps	N/A	N/A
683	28	DEOGHAR	RANCHI	BSNL	2 Mbps	HVSAT	N/A
684	168	JHARIA	RANCHI	BSNL	2 Mbps	N/A	N/A
685	196	DHURWA	RANCHI	BSNL	2 Mbps	N/A	N/A
686	226	MAITHON	RANCHI	BSNL	2 Mbps	TVSAT	N/A
687	247	BERMO	RANCHI	BSNL	2 Mbps	TVSAT	N/A
688	394	BHOWRA	RANCHI	BSNL	2 Mbps	AVSAT	N/A
689	544	SISAI	RANCHI	BSNL	2 Mbps	HVSAT	N/A
690	644	Simdega	RANCHI	BSNL	2 Mbps	AVSAT	N/A
691	718	GAMARIA	RANCHI	BSNL	2 Mbps	HVSAT	N/A
692	730	BALIAPUR	RANCHI	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
693	1294	LALMATIA	RANCHI	BSNL	2 Mbps	HVSAT	N/A
694	1606	BASAHA	RANCHI	BSNL	2 Mbps	TVSAT	N/A
695	1818	GODDA	RANCHI	BSNL	2 Mbps	TVSAT	N/A
696	2046	HAZARIBAGH	RANCHI	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
697	2130	JAMSHEDPUR DAIR	RANCHI	BSNL	2 Mbps	N/A	N/A
698	2192	SONARI RANCHI	RANCHI	BSNL	2 Mbps	N/A	N/A
699	2355	PETERWAR	RANCHI	BSNL	2 Mbps	HVSAT	N/A
700	2445	JAMTARA	RANCHI	BSNL	2 Mbps	HVSAT	N/A
701	2761	BARHI	RANCHI	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
702	2797	BAGODAR	RANCHI	BSNL	2 Mbps	AVSAT	N/A
703	2848	SERAIKELA	RANCHI	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
704	3048	KHUNTI	RANCHI	BSNL	2 Mbps	AVSAT	N/A
705	3049	GUTWA	RANCHI	BSNL	2 Mbps	HVSAT	N/A
706	3190	GARHWA	RANCHI	BSNL	2 Mbps	AVSAT	N/A
707	389	MAHIARI	SALT LAKE	BSNL	2 Mbps	N/A	N/A
708	399	Panchla	SALT LAKE	BSNL	2 Mbps	N/A	N/A
709	668	MASLANDPUR	SALT LAKE	BSNL	2 Mbps	HVSAT	N/A
710	705	HINGALGANJ	SALT LAKE	BSNL	2 Mbps	HVSAT	N/A
711	707	BIRATI BRANCH, KOLKATA	SALT LAKE	BSNL	2 Mbps	N/A	N/A
712	836	SANKARHATI	SALT LAKE	BSNL	2 Mbps	HVSAT	N/A
713	958	BARRACKPUR	SALT LAKE	BSNL	2 Mbps	N/A	N/A
714	1119	BELIAGHATA BRIDGE	SALT LAKE	BSNL	2 Mbps	HVSAT	N/A
715	1395	HABRA - 24 PGS	SALT LAKE	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps

716	2107	TAKI ROAD	SALT LAKE	BSNL	2 Mbps	N/A	N/A
717	2221	BAGNAN	SALT LAKE	BSNL	2 Mbps	HVSAT	N/A
718	2666	PASCHIM GAZIPUR	SALT LAKE	BSNL	2 Mbps	N/A	N/A
719	2677	MATHURAPUR	SALT LAKE	BSNL	2 Mbps	AVSAT	N/A
720	122	SAMBALPUR MAIN	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
721	446	PALLAHARA	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
722	496	BHATLI	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
723	598	BAGDIA	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
724	641	KESINGA	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
725	710	KATAPALI	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
726	711	GODVAGA	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
727	712	ROURKELA SECTOR-5	SAMBALPUR	BSNL	2 Mbps	N/A	N/A
728	786	PARJANG	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
729	792	RAJGANGPUR OCC	SAMBALPUR	BSNL	2 Mbps	ISDN	N/A
730	918	KANKADAHAD	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
731	937	GONDIA SAMBALPUR	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
732	983	BANARPAL	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
733	984	KISHORENAGAR	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
734	1038	RISHIDA	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
735	1078	ODAPARA	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
736	1132	KHAMAR	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
737	1133	BHAPUR	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
738	1155	RASOL	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
739	1158	DHALPUR	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
740	1223	DEOGAON	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
741	1224	SADASIBPUR	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
742	1312	TALMUL	SAMBALPUR	BSNL	2 MBPS	HVSAT	N/A
743	1892	RAMPUR COLLIERY	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
744	2101	BUDHARAJA	SAMBALPUR	BSNL	2 Mbps	ISDN	N/A
745	2102	GANDHI_CHOWK	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
746	2163	RENGALI	SAMBALPUR	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
747	2220	BHAWANIPATNA	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
748	2251	JUNAGARH	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
749	2332	PADAMPUR	SAMBALPUR	BSNL	2 Mbps	AVSAT	N/A
750	2333	SAMALESWARI	SAMBALPUR	BSNL	2 Mbps	TVSAT	N/A
751	2339	ANANTACOLONY	SAMBALPUR	BSNL	2 Mbps	TVSAT	N/A
752	2404	KHARIAR ROAD	SAMBALPUR	BSNL	2 Mbps	AVSAT	N/A
753	2453	CHAKULI	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
754	2525	BOUDH	SAMBALPUR	BSNL	2 Mbps	AVSAT	N/A
755	2617	LAHANDA	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
756	2950	CHAKARKEND	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
757	2978	REMANDA	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
758	3219	PAIKMAL	SAMBALPUR	BSNL	2 Mbps	AVSAT	N/A
759	3242	SOHELA	SAMBALPUR	BSNL	2 Mbps	HVSAT	N/A
760	358	ROHRU	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
761	411	CHOPAL	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
762	762	SHILLAI	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
763	858	CHANDI	SHIMLA	BSNL	2 Mbps	HVSAT	N/A

764	862	NANKHERI	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
765	863	SATAUN	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
766	864	DHUNDAN	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
767	867	MARAWOG	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
768	902	CHIRGAON	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
769	968	TIKKAR	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
770	1141	BAGHI	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
771	1178	SANGLA	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
772	1179	NARAG	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
773	1185	SYRI	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
774	1186	NERWA	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
775	1240	JAROL	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
776	1306	CHHAILA	SHIMLA	BSNL	2 Mbps	N/A	N/A
777	1321	TAPRI	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
778	1347	DEOTHI	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
779	1351	KUTHAR	SHIMLA	BSNL	2 Mbps	TVSAT	N/A
780	1356	SADHUPUL	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
781	1404	JUBBER HATTI	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
782	1405	GUMMANOTI KHUD	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
783	1411	JOON	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
784	1416	NATHPAJHULLA	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
785	1417	BHAVA KATGAON	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
786	1428	NAINA TIKKER	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
787	1455	MAJHOLI	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
788	1510	SULTANPUR SHIMLA	SHIMLA	BSNL	2 Mbps	N/A	N/A
789	1515	HARIPURDHAR	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
790	1522	TAKLECH	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
791	1551	GUMMA	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
792	1643	JANGLA	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
793	1647	DURGAPUR	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
794	1728	KUPVI	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
795	2141	RECKONGPEO	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
796	2336	JUBBAL	SHIMLA	BSNL	2 Mbps	TVSAT	N/A
797	2546	BAHRA UNIVERSITY CAMPUS SHIMLA	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
798	2569	MANGOO	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
799	2812	KAMIYANA	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
800	2984	MEHLI	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
801	3206	JAMNA	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
802	92	NAVSARI	SURAT	BSNL	2 Mbps	N/A	N/A
803	156	NADIAD	SURAT	BSNL	2 Mbps	N/A	N/A
804	254	CHAKLASHI	SURAT	BSNL	2 Mbps	HVSAT	N/A
805	356	MAHUVA	SURAT	BSNL	2 Mbps	TVSAT	N/A
806	2778	SACHIN	SURAT	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
807	3333	VESU SURAT	SURAT	BSNL	2 Mbps	TVSAT	N/A
808	370	DHULIYAN	SURI	BSNL	2 Mbps	HVSAT	N/A
809	645	PAIKAR	SURI	BSNL	2 Mbps	HVSAT	N/A
810	704	ILLAMBAZAR	SURI	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps

811	757	NALHATI SURI	SURI	BSNL	2 Mbps	N/A	N/A
812	781	CHANDIDAS NANOOR	SURI	BSNL	2 Mbps	AVSAT	N/A
813	1146	SOVANAGAR	SURI	BSNL	2 Mbps	HVSAT	N/A
814	1337	KURUMGRAM	SURI	BSNL	2 Mbps	HVSAT	N/A
815	1343	FARAKKA	SURI	BSNL	2 Mbps	AVSAT	N/A
816	1422	RAMGANJ SURI	SURI	BSNL	2 Mbps	HVSAT	N/A
817	1495	SAGARPARA	SURI	BSNL	2 Mbps	TVSAT	N/A
818	1529	KAPISTA	SURI	BSNL	2 Mbps	HVSAT	N/A
819	1531	KHAYRASOL	SURI	BSNL	2 Mbps	TVSAT	N/A
820	1535	SIRSA SURI	SURI	BSNL	2 Mbps	N/A	N/A
821	1620	LOOKSAN	SURI	BSNL	2 Mbps	HVSAT	N/A
822	1710	RAIPUR BIRBHUM	SURI	BSNL	2 Mbps	HVSAT	N/A
823	1712	DEWAGURI	SURI	BSNL	2 Mbps	HVSAT	N/A
824	2052	NORTH POINT, SINGAMARI	SURI	BSNL	2 Mbps	N/A	N/A
825	2211	DHARAMPUR SURI	SURI	BSNL	2 Mbps	HVSAT	N/A
826	2218	RAGHUNATHGANJ	SURI	BSNL	2 Mbps	HVSAT	N/A
827	2314	NABAGRAM	SURI	BSNL	2 Mbps	AVSAT	N/A
828	2682	KANUPUR	SURI	BSNL	2 Mbps	HVSAT	N/A
829	3280	MANGAN	SURI	BSNL	2 Mbps	HVSAT	N/A
830	143	RENUKOOT BRANCH	VARANASI	BSNL	2 Mbps	HVSAT	N/A
831	549	CAMPIERGANJ	VARANASI	BSNL	2 Mbps	HVSAT	N/A
832	550	URWA_BAZAR	VARANASI	BSNL	2 Mbps	HVSAT	N/A
833	613	BHELUPURA	VARANASI	BSNL	2 Mbps	N/A	N/A
834	652	GHORAWAL	VARANASI	BSNL	2 Mbps	HVSAT	N/A
835	732	RENUSAGAR VARANASI	VARANASI	BSNL	2 Mbps	HVSAT	N/A
836	784	KORAON	VARANASI	BSNL	2 Mbps	HVSAT	N/A
837	935	MUIRPUR	VARANASI	BSNL	2 Mbps	HVSAT	N/A
838	1116	PRATAPPUR	VARANASI	BSNL	2 Mbps	HVSAT	N/A
839	1700	MADARIA	VARANASI	BSNL	2 Mbps	HVSAT	N/A
840	1899	JAUNPUR - UTTAR PRADESH	VARANASI	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
841	1977	KAURIRAM	VARANASI	BSNL	2 Mbps	TVSAT	N/A
842	1978	PRITAM NAGAR	VARANASI	BSNL	2 Mbps	N/A	N/A
843	2124	SUJANGANJ	VARANASI	BSNL	2 Mbps	HVSAT	N/A
844	2179	KHARIHANI	VARANASI	BSNL	2 Mbps	TVSAT	N/A
845	2243	LALGANJ VARANASI	VARANASI	BSNL	2 Mbps	AVSAT	N/A
846	2468	JADDUPUR	VARANASI	BSNL	2 Mbps	TVSAT	N/A
847	2789	CHANDAULI	VARANASI	BSNL	2 Mbps	N/A	N/A
848	2790	SHAKTINAGAR	VARANASI	BSNL	2 Mbps	HVSAT	N/A
849	2860	MAHARAJGANJ	VARANASI	BSNL	2 Mbps	AVSAT	N/A
850	3337	MANAURI	VARANASI	BSNL	2 Mbps	HVSAT	N/A

LIST OF BRANCHES**CATEGORY-B**

Sr. No.	Sol ID	BRANCH NAME	ZONE	ISP1 NAME	ISP1-Bandwidth	ISP2 NAME	ISP2-Bandwidth
1	522	BISHALGARH	AGARTALA	BSNL	2 Mbps	N/A	N/A
2	934	KALYANPUR AGARTALA	AGARTALA	BSNL	2 Mbps	N/A	N/A
3	2556	RAISHYABARI	AGARTALA	HVSAT	N/A	N/A	N/A
4	2558	THUAMPUI	AGARTALA	SIFY	2 Mbps	HVSAT	N/A
5	2606	HIGH COURT OF TRIPURA, AGARTALA	AGARTALA	BSNL	2 Mbps	N/A	N/A
6	2828	CIJWS VAIRENGTE	AGARTALA	BSNL	2 Mbps	N/A	N/A
7	81	JAMNAGAR MAIN	AHMEDABAD	BSNL	2 Mbps	N/A	N/A
8	350	SARKHEJAHMEDABAD	AHMEDABAD	BSNL	128 Kbps	N/A	N/A
9	480	JUNAGADH	AHMEDABAD	BSNL	2 Mbps	N/A	N/A
10	511	SUPEDI	AHMEDABAD	BSNL	2 Mbps	N/A	N/A
11	662	KESHOD	AHMEDABAD	BSNL	2 Mbps	N/A	N/A
12	1687	NARAYANNAGAR-AHMEDABAD	AHMEDABAD	BSNL	2 Mbps	ISDN	N/A
13	1954	MEMNAGAR - AHMEDABAD	AHMEDABAD	BSNL	2 Mbps	ISDN	N/A
14	1992	SATELLITE - AHMEDABAD	AHMEDABAD	BSNL	2 Mbps	ISDN	N/A
15	2514	SURENDRANAGAR	AHMEDABAD	BSNL	2 Mbps	SIFY	128 Kbps
16	2850	MUNDRA	AHMEDABAD	SIFY	2 Mbps	BSNL	128 Kbps
17	3361	Maninagar East	AHMEDABAD	BSNL	2 Mbps	N/A	N/A
18	186	SRINAGAR ROAD AJMER	AJMER	BSNL	2 Mbps	ISDN	N/A
19	333	STATION ROAD AJMER	AJMER	BSNL	2 Mbps	N/A	N/A
20	465	NAGAU	AJMER	BSNL	2 Mbps	N/A	N/A
21	2892	BOTUNDA	AJMER	HVSAT	N/A	N/A	N/A
22	3258	PRATAPGARH-AJMER	AJMER	BSNL	2 Mbps	N/A	N/A
23	439	BHADRAK BALASORE	BALASORE	BSNL	2 Mbps	SIFY	128 Kbps
24	1388	TALASANGHA	BALASORE	BSNL	2 Mbps	HVSAT	N/A
25	1715	KANTUNIAHAT	BALASORE	HVSAT	N/A	N/A	N/A
26	1756	JAMSULI	BALASORE	HVSAT	N/A	N/A	N/A
27	1764	SUGO	BALASORE	SIFY	2 Mbps	HVSAT	N/A
28	1774	BARIPADA_TIRTOL	BALASORE	BSNL	2 Mbps	N/A	N/A
29	1856	BARIPADA - CUTTACK	BALASORE	BSNL	2 Mbps	SIFY	128 Kbps
30	328	HUBLI BRANCH	BANGALORE	BSNL	2 Mbps	N/A	N/A
31	866	TURVIHAL	BANGALORE	BSNL	2 Mbps	N/A	N/A
32	986	BANGALORE-INDIRA BANGALORE	BANGALORE	BSNL	2 Mbps	ISDN	N/A
33	3052	KOTA	BANGALORE	SIFY	2 Mbps	BSNL	128 Kbps
34	3054	KINNIGOLI	BANGALORE	BSNL	2 Mbps	N/A	N/A
35	1376	KATARMALA	BEGUSARAI	HVSAT	N/A	N/A	N/A
36	1661	MANIKPUR	BEGUSARAI	HVSAT	N/A	N/A	N/A
37	1886	ZILA PARISHAD PURNEA	BEGUSARAI	BSNL	2 Mbps	N/A	N/A

38	1193	BAHADURPUR BHAGALPUR	BHAGALPUR	BSNL	64 Kbps	TVSAT	N/A
39	1194	PIRPAINTI BAZAR	BHAGALPUR	HVSAT	N/A	N/A	N/A
40	1215	LODIPUR	BHAGALPUR	SIFY	2 Mbps	HVSAT	N/A
41	1298	RANGRA	BHAGALPUR	HVSAT	N/A	N/A	N/A
42	1307	CHAPARHAT	BHAGALPUR	HVSAT	N/A	N/A	N/A
43	1413	KAUSHALPUR	BHAGALPUR	HVSAT	N/A	N/A	N/A
44	1476	BAIJANI	BHAGALPUR	HVSAT	N/A	N/A	N/A
45	1683	BHANRA	BHAGALPUR	HVSAT	N/A	N/A	N/A
46	1702	FAUZDARI	BHAGALPUR	HVSAT	N/A	N/A	N/A
47	2477	SUBHANPUR	BHAGALPUR	TVSAT	N/A	N/A	N/A
48	3237	MOHADDINAGAR	BHAGALPUR	SIFY	2 Mbps	HVSAT	N/A
49	185	JG JABALPUR	BHOPAL	BSNL	2 Mbps	ISDN	N/A
50	688	TEKANPUR	BHOPAL	BSNL	2 Mbps	N/A	N/A
51	689	REWA	BHOPAL	BSNL	2 Mbps	N/A	N/A
52	1322	ETHAR	BHOPAL	HVSAT	N/A	N/A	N/A
53	1391	DANGIDHANA	BHOPAL	BSNL	2 Mbps	N/A	N/A
54	1497	MAGROL	BHOPAL	HVSAT	N/A	N/A	N/A
55	2116	MORAR BRANCH,GWALIOR	BHOPAL	SIFY	2 Mbps	BSNL	128 Kbps
56	2394	JATKHEDI	BHOPAL	SIFY	2 Mbps	HVSAT	N/A
57	2466	SITHOLI- ITM UNIVERSITY	BHOPAL	SIFY	2 Mbps	HVSAT	N/A
58	2989	DINDORI	BHOPAL	HVSAT	N/A	N/A	N/A
59	470	BHUBANESHWAR MAIN BHUBANESWAR	BHUBANESWAR	BSNL	2 Mbps	N/A	N/A
60	592	TANGI	BHUBANESWAR	BSNL	2 Mbps	RELIAN CE 4G	128 Kbps
61	664	GOVT SECRETARIAT	BHUBANESWAR	BSNL	2 Mbps	N/A	N/A
62	1076	GANGADHARPUR	BHUBANESWAR	BSNL	2 Mbps	RELIAN CE 4G	N/A
63	1313	RAMDASPUR	BHUBANESWAR	HVSAT	N/A	N/A	N/A
64	1936	SCS COLLEGE - PURI	BHUBANESWAR	BSNL	2 Mbps	RELIAN CE 4G	128 Kbps
65	2364	PARALAKHEMUNDI	BHUBANESWAR	BSNL	2 Mbps	RELIAN CE 4G	128 Kbps
66	2368	MARKAT NAGAR	BHUBANESWAR	BSNL	2 Mbps	N/A	N/A
67	2512	KUMARBASTA	BHUBANESWAR	SIFY	2 Mbps	HVSAT	N/A
68	3111	GOVINDAPUR	BHUBANESWAR	SIFY	2 Mbps	HVSAT	N/A
69	3210	ASTARANGA	BHUBANESWAR	BSNL	2 Mbps	N/A	N/A
70	3274	BISWALI	BHUBANESWAR	BSNL	2 Mbps	SIFY	128 Kbps
71	570	DURGAPUR CITY CENTRE	BURDWAN	BSNL	2 Mbps	ISDN	N/A
72	1014	SEHARA	BURDWAN	SIFY	2 Mbps	BSNL	128 Kbps
73	1015	BURRA BAZAR	BURDWAN	SIFY	2 Mbps	BSNL	128 Kbps
74	1672	PARASIA	BURDWAN	HVSAT	N/A	N/A	N/A
75	1673	SHITLA	BURDWAN	HVSAT	N/A	N/A	N/A
76	3016	SITARAMPUR	BURDWAN	BSNL	2 Mbps	N/A	N/A
77	3317	BALIA BURDWAN	BURDWAN	HVSAT	N/A	RELIAN CE 4G	128 Kbps
78	595	DHANDARI KALAN	CHANDIGARH	BSNL	2 Mbps	RELIAN CE (RF/F)	128 Kbps
79	658	ALAMGIR	CHANDIGARH	BSNL	2 Mbps	RELIAN CE	128 Kbps

						(RF/F)	
80	915	RAIPUR MAJRI	CHANDIGARH	BSNL	2 Mbps	N/A	N/A
81	1315	NUHON	CHANDIGARH	BSNL	2 Mbps	N/A	N/A
82	2084	AFS, BEHLANA	CHANDIGARH	BSNL	64 Kbps	N/A	N/A
83	2205	N AREA BEHLANA	CHANDIGARH	BSNL	2 Mbps	N/A	N/A
84	2595	JAGIRPUR	CHANDIGARH	SIFY	2 Mbps	HVSAT	N/A
85	2759	DALLA	CHANDIGARH	SIFY	2 Mbps	N/A	N/A
86	2991	GHANAUR	CHANDIGARH	BSNL	2 Mbps	N/A	N/A
87	238	SELAIRYUR - CHENNAI	CHENNAI	BSNL	2 Mbps	SIFY	128 Kbps
88	271	MOUNT ROAD	CHENNAI	BSNL	2 Mbps	N/A	N/A
89	475	NELLIKUPPAM	CHENNAI	BSNL	2 Mbps	N/A	N/A
90	517	PERAMBAKKAM	CHENNAI	BSNL	2 Mbps	N/A	N/A
91	1161	VELLORE	CHENNAI	BSNL	2 Mbps	SIFY	128 Kbps
92	1318	PERIAKALAPET	CHENNAI	BSNL	2 Mbps	N/A	N/A
93	1757	PORT BLAIR	CHENNAI	BSNL	64 Kbps	AVSAT	N/A
94	2042	KOYAMBEDU - CHENNAI	CHENNAI	SIFY	2 Mbps	BSNL	128 Kbps
95	3104	ORAGADAM	CHENNAI	SIFY	2 Mbps	HVSAT	N/A
96	596	SINGAMPUNARI	COIMBATORE	BSNL	2 Mbps	N/A	N/A
97	1264	GUDALUR	COIMBATORE	BSNL	128 Kbps	N/A	N/A
98	1331	COONOR	COIMBATORE	BSNL	2 Mbps	N/A	N/A
99	1656	NAVALUR KOTTAPATTU	COIMBATORE	BSNL	2 Mbps	N/A	N/A
100	2552	PERUMANALLUR	COIMBATORE	BSNL	2 Mbps	N/A	N/A
101	342	RAJPUR	DEHRADUN	BSNL	2 Mbps	N/A	N/A
102	359	HALDI	DEHRADUN	BSNL	2 Mbps	N/A	N/A
103	1793	RACE COURSE	DEHRADUN	BSNL	128 Kbps	N/A	N/A
104	1836	SAHASTRADHARA	DEHRADUN	BSNL	128 Kbps	N/A	N/A
105	2069	CLEMENT TOWN DEHRADUN	DEHRADUN	SIFY	2 Mbps	BSNL	64 Kbps
106	2300	RISHIKESH	DEHRADUN	BSNL	128 Kbps	HVSAT	N/A
107	2349	RAMNAGAR DEHRADUN	DEHRADUN	BSNL	2 Mbps	SIFY	128 Kbps
108	2765	MEHUWALA MAFI	DEHRADUN	SIFY	2 Mbps	HVSAT	N/A
109	2766	SELAQUI	DEHRADUN	SIFY	2 Mbps	HVSAT	N/A
110	2844	MANDUWALA	DEHRADUN	BSNL	64 Kbps	AVSAT	N/A
111	2872	NAINITAL	DEHRADUN	BSNL	2 Mbps	N/A	N/A
112	3128	NEW TEHRI	DEHRADUN	BSNL	2 Mbps	N/A	N/A
113	3130	SISSONA	DEHRADUN	SIFY	2 Mbps	HVSAT	N/A
114	3164	RUDRAPRAYAG	DEHRADUN	BSNL	2 Mbps	N/A	N/A
115	3244	HARIPUR KALAN	DEHRADUN	BSNL	2 Mbps	N/A	N/A
116	690	MANALI	DHARAMSHALA	BSNL	2 Mbps	N/A	N/A
117	970	GARLI	DHARAMSHALA	BSNL	2 Mbps	N/A	N/A
118	1191	GEHRA	DHARAMSHALA	HVSAT	N/A	N/A	N/A
119	1326	JALAMAN	DHARAMSHALA	HVSAT	N/A	N/A	N/A
120	1538	CHHAROL	DHARAMSHALA	HVSAT	N/A	N/A	N/A
121	1539	KASHMIR DHARAMSHALA	DHARAMSHALA	BSNL	2 Mbps	N/A	N/A
122	2140	SARKAGHAT	DHARAMSHALA	BSNL	2 Mbps	N/A	N/A
123	2149	CHAMBA	DHARAMSHALA	BSNL	2 Mbps	N/A	N/A
124	2228	GAGGAL	DHARAMSHALA	BSNL	2 Mbps	N/A	N/A

125	3075	BHAROL	DHARAMSHALA	BSNL	2 Mbps	N/A	N/A
126	875	TRICHUR	ERNAKULAM	SIFY	2 Mbps	BSNL	128 Kbps
127	989	MUNAMBAM	ERNAKULAM	SIFY	2 Mbps	BSNL	128 Kbps
128	1334	MALLAPUZHASSERY	ERNAKULAM	BSNL	2 Mbps	N/A	N/A
129	2155	VYTTILA	ERNAKULAM	BSNL	128 Kbps	N/A	N/A
130	2240	KAVARATTI	ERNAKULAM	BSNL	64 Kbps	AVSAT	N/A
131	2358	KASARAGODE	ERNAKULAM	BSNL	2 Mbps	SIFY	128 Kbps
132	709	REHABARI GUWAHATI	GUWAHATI	BSNL	2 Mbps	N/A	N/A
133	796	SOUTH SALMARA	GUWAHATI	SIFY	2 Mbps	HVSAT	N/A
134	845	BALAT	GUWAHATI	HVSAT	N/A	N/A	N/A
135	1434	SAKTI ASHRAM	GUWAHATI	HVSAT	N/A	N/A	N/A
136	1675	KRISHNAPUR	GUWAHATI	HVSAT	N/A	N/A	N/A
137	2632	GURMOU	GUWAHATI	HVSAT	N/A	N/A	N/A
138	2633	HAJALPARA	GUWAHATI	HVSAT	N/A	N/A	N/A
139	2636	CHATIBOR GAON	GUWAHATI	SIFY	2 Mbps	HVSAT	N/A
140	2639	JHOWDANGA PT.II	GUWAHATI	HVSAT	N/A	N/A	N/A
141	2640	JORDANGA PT.I	GUWAHATI	HVSAT	N/A	N/A	N/A
142	2641	KAKRIPARA PT.I	GUWAHATI	HVSAT	N/A	N/A	N/A
143	161	ROHTAK	HARYANA	BSNL	2 Mbps	N/A	N/A
144	336	KARNAL	HARYANA	BSNL	2 Mbps	SIFY	128 Kbps
145	2492	BANDAHERI	HARYANA	BSNL	2 Mbps	N/A	N/A
146	3008	MADLOUDA	HARYANA	BSNL	2 Mbps	N/A	N/A
147	3193	SHERAH	HARYANA	HVSAT	N/A	N/A	N/A
148	3318	KAITHAL	HARYANA	SIFY	2 Mbps	BSNL	256 Kbps
149	220	BANDEL - HOOGLY	HOOGHLY	BSNL	2 Mbps	N/A	N/A
150	331	HARIPAL	HOOGHLY	BSNL	2 Mbps	N/A	N/A
151	458	KHANAKUL	HOOGHLY	BSNL	2 Mbps	N/A	N/A
152	602	JANGIPARA	HOOGHLY	BSNL	2 Mbps	N/A	N/A
153	621	RISHRA	HOOGHLY	BSNL	2 Mbps	N/A	N/A
154	1176	JARA	HOOGHLY	BSNL	2 Mbps	N/A	N/A
155	1327	BANKA-WB	HOOGHLY	BSNL	2 Mbps	TVSAT	N/A
156	1663	GUIADAHA	HOOGHLY	SIFY	2 Mbps	HVSAT	N/A
157	1674	KAMARPARA	HOOGHLY	SIFY	2 Mbps	HVSAT	N/A
158	1726	DHANNYGHORI	HOOGHLY	SIFY	2 Mbps	HVSAT	N/A
159	1748	VIDYASAGAR UNIVERSITY	HOOGHLY	BSNL	2 Mbps	N/A	N/A
160	2356	BHADRESWAR	HOOGHLY	BSNL	2 Mbps	N/A	N/A
161	2672	DERIYACHAK	HOOGHLY	SIFY	2 Mbps	AVSAT	N/A
162	2673	GHANARAMPUR	HOOGHLY	HVSAT	N/A	N/A	N/A
163	2980	KESHAPAT	HOOGHLY	BSNL	2 Mbps	N/A	N/A
164	476	THOTAVALLURU	HYDERABAD	BSNL	2 Mbps	N/A	N/A
165	966	HIND SHIPYARD COL - VISHAKHA	HYDERABAD	BSNL	128 Kbps	N/A	N/A
166	1588	BALACHERUVU, SECTOR 3	HYDERABAD	BSNL	2 Mbps	N/A	N/A
167	1955	KURNOOL	HYDERABAD	BSNL	2 Mbps	N/A	N/A
168	2189	VADLAMUD	HYDERABAD	BSNL	2 Mbps	N/A	N/A
169	2473	CHILKUR	HYDERABAD	HVSAT	N/A	N/A	N/A
170	2921	BHIMAVARAM	HYDERABAD	SIFY	2 Mbps	BSNL	64 Kbps

171	3310	ANANTHAVARAM	HYDERABAD	HVSAT	N/A	N/A	N/A
172	3356	TULLUR	HYDERABAD	BSNL	2 Mbps	N/A	N/A
173	253	JAORA	INDORE	BSNL	2 Mbps	N/A	N/A
174	377	MANDSAUR	INDORE	SIFY	2 Mbps	BSNL	128 Kbps
175	490	MAHARANI ROAD	INDORE	BSNL	2 Mbps	N/A	N/A
176	1142	PIPLODA BAGLA	INDORE	BSNL	2 Mbps	HVSAT	N/A
177	1995	BAL VINAY MANDIR	INDORE	BSNL	2 Mbps	N/A	N/A
178	2299	VIJAY NAGAR INDORE	INDORE	BSNL	2 Mbps	N/A	N/A
179	2313	HATOD	INDORE	BSNL	2 Mbps	N/A	N/A
180	2421	SANWER	INDORE	BSNL	2 Mbps	N/A	N/A
181	268	MUKUNDGARH	JAIPUR	BSNL	2 Mbps	N/A	N/A
182	539	ACHROL	JAIPUR	BSNL	2 Mbps	N/A	N/A
183	1089	BANDIKUI JAIPUR	JAIPUR	BSNL	2 Mbps	N/A	N/A
184	1595	BEELWA	JAIPUR	SIFY	2 Mbps	HVSAT	N/A
185	2609	PHAGI	JAIPUR	BSNL	2 Mbps	N/A	N/A
186	2843	SARDARSAHAR	JAIPUR	BSNL	2 Mbps	N/A	N/A
187	3145	BASSI JAIPUR	JAIPUR	SIFY	2 Mbps	HVSAT	N/A
188	3275	NEEMRANA	JAIPUR	SIFY	2 Mbps	BSNL	64 Kbps
189	941	FEROZPUR CITY	JALANDHAR	BSNL	2 Mbps	N/A	N/A
190	3023	ZIRA	JALANDHAR	BSNL	2 Mbps	SIFY	128 Kbps
191	882	PHALODI	JODHPUR	BSNL	2 Mbps	N/A	N/A
192	1188	PIPARCITY	JODHPUR	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
193	2975	PILIBANGA	JODHPUR	BSNL	2 Mbps	ISDN	N/A
194	244	TEZPUR	JORHAT	BSNL	2 Mbps	N/A	N/A
195	805	KHAIRABARI	JORHAT	HVSAT	N/A	N/A	N/A
196	3057	NAZIRA	JORHAT	BSNL	2 Mbps	SIFY	128 Kbps
197	2518	KANNAUJ	KANPUR	SIFY	2 Mbps	BSNL	64 Kbps
198	2895	SIKANDRA	KANPUR	BSNL	2 Mbps	SIFY	128 Kbps
199	2931	PHOOLPUR	KANPUR	HVSAT	N/A	N/A	N/A
200	2932	SOHRAMAU	KANPUR	SIFY	2 Mbps	BSNL	64 Kbps
201	3230	GANJ MURADABAD	KANPUR	SIFY	2 Mbps	BSNL	64 Kbps
202	3277	CHOUBEYPUR	KANPUR	HVSAT	N/A	N/A	N/A
203	14	BURRA BAZAR,KOLKATA	KOLKATA	BSNL	2 Mbps	N/A	N/A
204	164	JADAVPUR,KOLKATA	KOLKATA	BSNL	2 Mbps	ISDN	N/A
205	286	L.L.R.SARANI-KOLKATA KOLKATA	KOLKATA	BSNL	2 Mbps	N/A	N/A
206	322	SN BANERJEE ROAD,KOLKATA	KOLKATA	BSNL	2 Mbps	N/A	N/A
207	530	SHYAM BAZAR - KOLKATA	KOLKATA	BSNL	2 Mbps	N/A	N/A
208	582	HAZRA ROAD,KOLKATA	KOLKATA	BSNL	2 Mbps	N/A	N/A
209	801	LOWER CIRCULAR ROAD - KOLKATA	KOLKATA	BSNL	2 Mbps	SIFY	128 Kbps
210	837	BALLYGUNGE CIRCULAR ROAD,KOLKA	KOLKATA	BSNL	2 Mbps	N/A	N/A
211	940	SADANANDA ROAD	KOLKATA	BSNL	2 Mbps	N/A	N/A
212	952	BEHALA - KOLKATA	KOLKATA	BSNL	2 Mbps	N/A	N/A
213	1056	SEALDAH BRANCH,KOLKATA	KOLKATA	BSNL	2 Mbps	N/A	N/A

		KOLKATA					
214	1060	BENTINCK STREET KOLKATA	KOLKATA	BSNL	2 Mbps	N/A	N/A
215	1130	HATI BAGAN-KOLKATA	KOLKATA	BSNL	2 Mbps	N/A	N/A
216	1481	SARAT BOSE ROAD-KOLKATA KOLKATA	KOLKATA	BSNL	2 Mbps	N/A	N/A
217	1483	GARDEN REACH	KOLKATA	BSNL	2 Mbps	N/A	N/A
218	1740	LENIN SARANI	KOLKATA	BSNL	2 Mbps	N/A	N/A
219	1837	FORT WILLIAM,KOLKATA	KOLKATA	BSNL	2 Mbps	N/A	N/A
220	1988	E. M. BYE PASS - KOLKATA	KOLKATA	BSNL	2 Mbps	RELIAN CE (RF/F)	128 Kbps
221	2288	STATION ROAD GARIA	KOLKATA	BSNL	2 Mbps	N/A	N/A
222	2605	PHOOLBAGAN	KOLKATA	BSNL	2 Mbps	N/A	N/A
223	3343	SAJNABERIA	KOLKATA	BSNL	64 Kbps	N/A	N/A
224	50	AMINABAD BRANCH	LUCKNOW	SIFY	2 Mbps	BSNL	128 Kbps
225	515	ITAUNJA	LUCKNOW	HVSAT	N/A	N/A	N/A
226	1203	BANNAUR	LUCKNOW	SIFY	2 Mbps	HVSAT	N/A
227	1609	SAIRPUR	LUCKNOW	SIFY	2 Mbps	HVSAT	N/A
228	1849	JALSANASTHAN-LUCKNOW	LUCKNOW	SIFY	2 Mbps	BSNL	128 Kbps
229	2010	KRISHNA NAGAR	LUCKNOW	BSNL	2 Mbps	RELIAN CE 4G	128 Kbps
230	2026	LUCKNOW UNIVERSITY 2ND CAMPUS	LUCKNOW	SIFY	2 Mbps	BSNL	128 Kbps
231	2559	BHADAR	LUCKNOW	BSNL	2 Mbps	HVSAT	N/A
232	2791	CHATTOH	LUCKNOW	BSNL	2 Mbps	N/A	N/A
233	2792	SATANPURA	LUCKNOW	HVSAT	N/A	N/A	N/A
234	2821	AMAWAN	LUCKNOW	HVSAT	N/A	N/A	N/A
235	2875	GHURWARA	LUCKNOW	HVSAT	N/A	N/A	N/A
236	2953	NARPATGANJ BHEERA	LUCKNOW	HVSAT	N/A	N/A	N/A
237	3041	BAHADURPUR LUCKNOW	LUCKNOW	BSNL	64 Kbps	HVSAT	N/A
238	3043	SINGHPUR	LUCKNOW	HVSAT	N/A	N/A	N/A
239	3086	THORTHYA	LUCKNOW	HVSAT	N/A	N/A	N/A
240	3087	MAULABAD	LUCKNOW	HVSAT	N/A	N/A	N/A
241	3089	AURANGABAD LUCKNOW	LUCKNOW	SIFY	2 Mbps	HVSAT	N/A
242	3135	VRINDAVAN YOJNA	LUCKNOW	SIFY	2 Mbps	HVSAT	N/A
243	3335	MANPUR LUCKNOW	LUCKNOW	SIFY	2 Mbps	TVSAT	N/A
244	228	NAINITAL ROAD BAREILLY	MEERUT	SIFY	2 Mbps	BSNL	128 Kbps
245	315	SHIKARPUR	MEERUT	BSNL	2 Mbps	SIFY	128 Kbps
246	855	SHAHI	MEERUT	BSNL	2 Mbps	N/A	N/A
247	949	MATHURA	MEERUT	BSNL	2 Mbps	N/A	N/A
248	1113	TIKROL	MEERUT	SIFY	2 Mbps	HVSAT	N/A
249	1419	JAEE	MEERUT	Vodafone	2 Mbps	HVSAT	N/A
250	1653	ADHIYANA	MEERUT	BSNL	2 Mbps	N/A	N/A
251	1949	NAGAR NIGAM	MEERUT	BSNL	2 Mbps	N/A	N/A
252	2460	GOVARDHAN	MEERUT	BSNL	2 Mbps	N/A	N/A
253	2856	RATHONDA	MEERUT	HVSAT	N/A	N/A	N/A
254	2940	DEOBAND	MEERUT	BSNL	2 Mbps	SIFY	128 Kbps
255	3090	MALHIPUR	MEERUT	SIFY	2 Mbps	HVSAT	N/A

256	3113	AMROHA	MEERUT	SIFY	2 Mbps	HVSAT	N/A
257	3220	BHAINSA	MEERUT	SIFY	2 Mbps	HVSAT	N/A
258	3267	MILAK ALINAGAR	MEERUT	HVSAT	N/A	N/A	N/A
259	3268	MANGUPURA	MEERUT	SIFY	2 Mbps	HVSAT	N/A
260	61	SANTA CRUZ - MUMBAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
261	93	WARDEN ROAD-MUMBAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
262	142	MANDVI-MUMBAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
263	203	KARJAT BR MUMBAI	MUMBAI	BSNL	128 Kbps	HVSAT	N/A
264	215	GRANT ROAD	MUMBAI	MTNL	2 Mbps	N/A	N/A
265	216	KHAR - MUMBAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
266	237	MATUNGA - MUMBAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
267	265	WORLI - MUMBAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
268	303	ULHASNAGAR	MUMBAI	BSNL	2 Mbps	N/A	N/A
269	483	MALAD WEST	MUMBAI	MTNL	2 Mbps	N/A	N/A
270	529	NARIMAN	MUMBAI	MTNL	2 Mbps	N/A	N/A
271	683	GOREGAON - MUMBAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
272	692	DADAR - MUMBAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
273	877	ANDHERI(W),MUMBAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
274	924	KANDIVLI EAST MUMBAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
275	1001	BELAPUR THANE	MUMBAI	MTNL	2 Mbps	N/A	N/A
276	1040	MULUND - MUMBAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
277	1170	BORIVILI (W) - MUMBAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
278	1269	JUHU VILE PARLE - MUMBAI	MUMBAI	SIFY	2 Mbps	MTNL	128 Kbps
279	1382	VAIJANATH	MUMBAI	BSNL	64 Kbps	HVSAT	N/A
280	1765	BORIVLI(EAST) MUMBAI	MUMBAI	SIFY	2 Mbps	MTNL	512 kbps
281	1791	DAHISAR (EAST)-MUMBAI	MUMBAI	MTNL	2 Mbps	RELIAN CE (RF/F)	128 Kbps
282	1811	DAHANU	MUMBAI	BSNL	2 Mbps	RELIAN CE 4G	128 Kbps
283	2008	ANDHERI WEST MCU MUMBAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
284	2035	KALYAN BRANCH	MUMBAI	SIFY	2 Mbps	BSNL	128 Kbps
285	2170	VASAI	MUMBAI	SIFY	2 Mbps	HVSAT	N/A
286	2272	MIRA BHAYANDAR	MUMBAI	MTNL	2 Mbps	HVSAT	N/A
287	2285	KHIDKALI	MUMBAI	SIFY	2 Mbps	HVSAT	N/A
288	2291	POWAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
289	2294	PANVEL	MUMBAI	MTNL	2 Mbps	N/A	N/A
290	2295	GORAI	MUMBAI	MTNL	2 Mbps	N/A	N/A
291	3365	DOMBIVLI WEST	MUMBAI	MTNL	2 Mbps	N/A	N/A
292	296	SITA BULDI NAGPUR	NAGPUR	BSNL	2 Mbps	N/A	N/A
293	383	AMRAVATI - NAGPUR	NAGPUR	BSNL	2 Mbps	N/A	N/A
294	930	CHANDARAYATWARI	NAGPUR	BSNL	2 Mbps	N/A	N/A
295	931	MAHAKALI	NAGPUR	BSNL	64 Kbps	HVSAT	N/A
296	932	HINDUSTAN LALPETH	NAGPUR	BSNL	2 Mbps	SIFY	128 Kbps
297	943	SILEWARA	NAGPUR	SIFY	128 Kbps	HVSAT	N/A
298	1402	AROLI	NAGPUR	HVSAT	N/A	N/A	N/A
299	1512	CHINCHOLI	NAGPUR	HVSAT	N/A	N/A	N/A
300	1879	GONDEGAON	NAGPUR	HVSAT	N/A	N/A	N/A

301	1882	HINGANGHAT	NAGPUR	BSNL	2 Mbps	N/A	N/A
302	1930	SAKHRA MUNGOLI	NAGPUR	HVSAT	N/A	N/A	N/A
303	2193	WARDHA	NAGPUR	SIFY	2 Mbps	BSNL	128 Kbps
304	2383	BULDHANA	NAGPUR	BSNL	2 Mbps	SIFY	128 Kbps
305	3295	GHOHALI	NAGPUR	SIFY	2 Mbps	HVSAT	N/A
306	9	CONNAUGHT PLACE - DELHI	NEW DELHI	MTNL	2 Mbps	HVSAT	N/A
307	57	SUBZIMANDI - NEW DELHI	NEW DELHI	MTNL	2 Mbps	N/A	N/A
308	70	CHAWRI BAZAR	NEW DELHI	MTNL	2 Mbps	N/A	N/A
309	207	SUPREME COURT - NEW DELHI	NEW DELHI	MTNL	2 Mbps	N/A	N/A
310	488	MODEL BASTI,NEW DELHI	NEW DELHI	MTNL	2 Mbps	N/A	N/A
311	609	HAUZ KHAS,NEW DELHI	NEW DELHI	MTNL	2 Mbps	N/A	N/A
312	1069	SAKET-NEW DELHI	NEW DELHI	MTNL	2 Mbps	N/A	N/A
313	1394	SHAHPURJAT-NEWDELHI	NEW DELHI	MTNL	2 Mbps	N/A	N/A
314	1553	DELHI HIGH COURT	NEW DELHI	MTNL	2 Mbps	SIFY	128 Kbps
315	1680	SOM VIHAR	NEW DELHI	MTNL	2 Mbps	N/A	N/A
316	1858	PATIALA HOUSE	NEW DELHI	MTNL	2 Mbps	N/A	N/A
317	1871	DWARKA NEWDELHI	NEW DELHI	MTNL	2 Mbps	RELIANCE CE (RF/F)	128 Kbps
318	1944	NEHRU PLACE-MC - NEW DELHI	NEW DELHI	MTNL	2 Mbps	SIFY	256 Kbps
319	2036	KASTURBA GANDHI MARG	NEW DELHI	MTNL	2 Mbps	N/A	N/A
320	2038	EAST NIZAMUDDIN	NEW DELHI	MTNL	2 Mbps	N/A	N/A
321	2568	GANDHI NAGAR NEW DELHI	NEW DELHI	MTNL	2 Mbps	N/A	N/A
322	2903	RAJ NAGAR EXTENSION	NEW DELHI	BSNL	2 Mbps	HVSAT	N/A
323	2981	CHAPRAULA	NEW DELHI	SIFY	2 Mbps	HVSAT	N/A
324	2982	CHIPIYANA KHURD	NEW DELHI	SIFY	2 Mbps	HVSAT	N/A
325	2983	MORTI	NEW DELHI	BSNL	2 Mbps	HVSAT	N/A
326	3133	ATORE	NEW DELHI	SIFY	2 Mbps	BSNL	64 Kbps
327	3134	MAKAUDA	NEW DELHI	SIFY	2 Mbps	HVSAT	N/A
328	575	CLUB ROAD MUZZAFFARPUR	PATNA	BSNL	2 Mbps	N/A	N/A
329	1775	BELAYAKUB	PATNA	SIFY	2 Mbps	HVSAT	N/A
330	1895	DIGHA_GHAT	PATNA	BSNL	2 Mbps	N/A	N/A
331	2135	KHAGAUL	PATNA	BSNL	2 Mbps	N/A	N/A
332	2397	IAS COLONY RUPASPU	PATNA	SIFY	2 Mbps	HVSAT	N/A
333	2398	MOTIHARI	PATNA	SIFY	2 Mbps	N/A	N/A
334	2580	DIHA	PATNA	HVSAT	N/A	N/A	N/A
335	2771	AURANGABAD PATNA	PATNA	BSNL	2 Mbps	N/A	N/A
336	2968	MUSTAFAPUR	PATNA	SIFY	2 Mbps	HVSAT	N/A
337	64	PUNE CITY	PUNE	BSNL	2 Mbps	N/A	N/A
338	172	SHIVAJI NAGAR - PUNE	PUNE	BSNL	2 Mbps	SIFY	128 Kbps
339	1913	BOGMALO	PUNE	BSNL	2 Mbps	N/A	N/A
340	2344	KESNANAD	PUNE	SIFY	2 Mbps	TVSAT	N/A
341	2571	OSMANABAD	PUNE	SIFY	2 Mbps	HVSAT	N/A
342	2702	KORHALE KHURD	PUNE	HVSAT	N/A	N/A	N/A
343	2894	NARHE	PUNE	SIFY	2 Mbps	HVSAT	N/A
344	3063	DEVGAD	PUNE	BSNL	2 Mbps	N/A	N/A

345	1100	SONSARI	RAIPUR	HVSAT	N/A	N/A	N/A
346	2836	BEMETRA	RAIPUR	BSNL	2 Mbps	N/A	N/A
347	3303	ROHRA	RAIPUR	SIFY	2 Mbps	HVSAT	N/A
348	3352	BADGAON	RAIPUR	AVSAT	N/A	N/A	N/A
349	295	SAHIBGANJ	RANCHI	BSNL	2 Mbps	TVSAT	N/A
350	869	SUDAMDIH	RANCHI	SIFY	2 Mbps	TVSAT	N/A
351	871	MOONIDIH	RANCHI	BSNL	2 Mbps	N/A	N/A
352	879	JUGSALAI JAMSHEDPUR	RANCHI	BSNL	2 Mbps	N/A	N/A
353	1235	JOGTA	RANCHI	BSNL	2 Mbps	N/A	N/A
354	2083	DHAIYA	RANCHI	BSNL	2 Mbps	N/A	N/A
355	3127	MADHUPUR	RANCHI	SIFY	2 Mbps	HVSAT	N/A
356	3324	KESHWARI	RANCHI	HVSAT	N/A	N/A	N/A
357	163	DUM DUM-KOLKATA	SALT LAKE	BSNL	2 Mbps	N/A	N/A
358	187	PANIHATI	SALT LAKE	BSNL	2 Mbps	N/A	N/A
359	221	TITAGARH	SALT LAKE	BSNL	2 Mbps	RELIANCE (RF/F)	128 Kbps
360	267	FORT GLOSTER	SALT LAKE	BSNL	2 Mbps	N/A	N/A
361	398	NIBRA	SALT LAKE	SIFY	2 Mbps	BSNL	128 Kbps
362	403	JHOREHAT-HOWRAH SALT LAKE	SALT LAKE	BSNL	2 Mbps	N/A	N/A
363	653	BAKSHARA-HOWRAH	SALT LAKE	BSNL	2 Mbps	N/A	N/A
364	655	BARASAT SALT LAKE	SALT LAKE	BSNL	2 Mbps	N/A	N/A
365	755	BALTIKURI-HOWRAH	SALT LAKE	BSNL	2 Mbps	N/A	N/A
366	890	UDAYNARAYANPUR	SALT LAKE	BSNL	2 Mbps	N/A	N/A
367	972	KHARIOP	SALT LAKE	BSNL	2 Mbps	N/A	N/A
368	1063	FULESWAR	SALT LAKE	BSNL	128 Kbps	N/A	N/A
369	1274	JAGADISHPUR	SALT LAKE	SIFY	2 Mbps	BSNL	128 Kbps
370	1610	MAMUDPUR	SALT LAKE	SIFY	2 Mbps	HVSAT	N/A
371	1758	BAMUNGACHI	SALT LAKE	BSNL	2 Mbps	N/A	N/A
372	2676	CHAK BARBARIA	SALT LAKE	SIFY	2 Mbps	HVSAT	N/A
373	2774	DAKSHIN JOYPUR	SALT LAKE	SIFY	2 Mbps	HVSAT	N/A
374	2979	DAKSHIN JHAPARDA	SALT LAKE	BSNL	2 Mbps	N/A	N/A
375	402	DEOGARH	SAMBALPUR	BSNL	2 Mbps	N/A	N/A
376	607	KANSBAHAL	SAMBALPUR	BSNL	2 Mbps	ISDN	N/A
377	626	SOUTH BALANDA	SAMBALPUR	BSNL	2 Mbps	ISDN	N/A
378	636	JHARSUGUDA-SAMBALPUR SAMBALPUR	SAMBALPUR	BSNL	2 Mbps	RELIANCE 4G	128 Kbps
379	1568	BASANTI COLONY-ROURKELA	SAMBALPUR	BSNL	2 Mbps	RELIANCE 4G	128 Kbps
380	2334	SOUTH COLONY(L&T)	SAMBALPUR	BSNL	2 Mbps	ISDN	N/A
381	2361	BELPAHAR	SAMBALPUR	BSNL	2 Mbps	RELIANCE 4G	128 Kbps
382	78	SHIMLA MAIN	SHIMLA	BSNL	2 Mbps	ISDN	N/A
383	444	NAHAN-SHIMLA	SHIMLA	BSNL	2 Mbps	ISDN	N/A
384	516	Kumarhatti	SHIMLA	BSNL	2 Mbps	N/A	N/A
385	564	DHALLI	SHIMLA	BSNL	2 Mbps	N/A	N/A
386	981	NIGAM VIHAR - SHIMLA	SHIMLA	BSNL	2 Mbps	ISDN	N/A
387	988	DHARGAURA	SHIMLA	HVSAT	N/A	N/A	N/A
388	995	SAKORI CHAIL	SHIMLA	BSNL	2 Mbps	N/A	N/A
389	1075	KOTKHAI	SHIMLA	BSNL	2 Mbps	N/A	N/A

390	1277	JUNGA	SHIMLA	BSNL	2 Mbps	N/A	N/A
391	1329	Theog	SHIMLA	BSNL	2 Mbps	N/A	N/A
392	1381	ANTI	SHIMLA	HVSAT	N/A	N/A	N/A
393	1407	PANDRANOO	SHIMLA	HVSAT	N/A	N/A	N/A
394	1445	DHARAMPUR SHIMLA	SHIMLA	HVSAT	N/A	N/A	N/A
395	1542	KUFRI	SHIMLA	BSNL	2 Mbps	N/A	N/A
396	1554	YANGTHANG	SHIMLA	HVSAT	N/A	N/A	N/A
397	1645	DHAMWARI	SHIMLA	HVSAT	N/A	N/A	N/A
398	1833	HIGH COURT COMPLEX SHIMLA	SHIMLA	BSNL	2 Mbps	ISDN	N/A
399	1971	SHIMLA BCS	SHIMLA	BSNL	2 Mbps	ISDN	N/A
400	2891	RAKCHHAM	SHIMLA	BSNL	2 Mbps	HVSAT	N/A
401	3291	GHOOND	SHIMLA	HVSAT	N/A	N/A	N/A
402	77	BULSAR MAIN	SURAT	BSNL	2 Mbps	N/A	N/A
403	211	ATUL	SURAT	BSNL	2 Mbps	N/A	N/A
404	266	STATION ROAD	SURAT	BSNL	2 Mbps	N/A	N/A
405	346	GADAT	SURAT	BSNL	2 Mbps	N/A	N/A
406	650	MUNSAD	SURAT	SIFY	2 Mbps	HVSAT	N/A
407	1071	KANTHARIA	SURAT	SIFY	2 Mbps	HVSAT	N/A
408	2031	MID CORPORATE BARODA	SURAT	SIFY	2 Mbps	BSNL	128 Kbps
409	3035	HAZIRA	SURAT	SIFY	2 Mbps	HVSAT	N/A
410	3168	DAHOD	SURAT	BSNL	2 Mbps	N/A	N/A
411	276	MAINAGURI	SURI	BSNL	2 Mbps	N/A	N/A
412	900	DARJEELING	SURI	BSNL	2 Mbps	N/A	N/A
413	1114	MANGALBARI	SURI	SIFY	2 Mbps	BSNL	128 Kbps
414	1293	GANGTOK	SURI	BSNL	2 Mbps	N/A	N/A
415	1528	GANGMURI JOYPUR	SURI	HVSAT	N/A	N/A	N/A
416	1616	DAMANPUR	SURI	BSNL	2 Mbps	N/A	N/A
417	1664	JAJIGRAM	SURI	HVSAT	N/A	N/A	N/A
418	2080	DHUPGURI	SURI	BSNL	2 Mbps	N/A	N/A
419	2210	PARULIA	SURI	HVSAT	N/A	N/A	N/A
420	2212	PATHAR CHAPRI	SURI	SIFY	2 Mbps	HVSAT	N/A
421	2689	KALUARI	SURI	SIFY	2 Mbps	HVSAT	N/A
422	3046	TALGACHI	SURI	HVSAT	N/A	N/A	N/A
423	3334	SAGARDIGHI	SURI	BSNL	2 Mbps	N/A	N/A
424	1698	BHITIRAWAT	VARANASI	SIFY	2 Mbps	HVSAT	N/A
425	2465	FATEHPUR-MAFI	VARANASI	TVSAT	N/A	N/A	N/A
426	2521	BALAPUR	VARANASI	SIFY	2 Mbps	HVSAT	N/A
427	2522	RATYORA	VARANASI	HVSAT	N/A	N/A	N/A
428	2945	RANIGANJ	VARANASI	BSNL	2 Mbps	N/A	N/A
429	2653	PHUBALA	AGARTALA	Airtel	2 Mbps	HVSAT	N/A
430	2654	THINUNGEI	AGARTALA	Airtel	2 Mbps	HVSAT	N/A
431	3311	MADHUPUR	AGARTALA	JMPLS	2 Mbps	HVSAT	N/A
432	3327	JAGABANDHUPARA	AGARTALA	Airtel	2 Mbps	TVSAT	N/A
433	3366	KHOUPUM	AGARTALA	Airtel	2 Mbps	N/A	N/A
434	3351	MALGADH	AHMEDABAD	JMPLS	2 Mbps	TVSAT	N/A
435	3339	SUDRASAN	AJMER	Airtel	2 Mbps	TVSAT	N/A
436	1261	ASURALI	BALASORE	Airtel	2 Mbps	HVSAT	N/A

437	1570	MARKANDPUR	BALASORE	Airtel	2 Mbps	HVSAT	N/A
438	1585	PANDUA BALASORE	BALASORE	Airtel	2 Mbps	HVSAT	N/A
439	1586	KOLAR BALASORE	BALASORE	Airtel	2 Mbps	HVSAT	N/A
440	1667	KIAJHAR	BALASORE	Airtel	2 Mbps	HVSAT	N/A
441	1736	CHOWKI	BALASORE	JMPLS	2 Mbps	HVSAT	N/A
442	1766	BARABATI	BALASORE	Airtel	2 Mbps	HVSAT	N/A
443	2254	JALANGA	BALASORE	Airtel	2 Mbps	HVSAT	N/A
444	2598	JAMKUNDA	BALASORE	Airtel	2 Mbps	HVSAT	N/A
445	1124	PARIHARA	BEGUSARAI	Airtel	2 Mbps	AVSAT	N/A
446	1300	SANJAT	BEGUSARAI	JMPLS	2 Mbps	HVSAT	N/A
447	1360	SADANANDPUR	BEGUSARAI	Airtel	2 Mbps	HVSAT	N/A
448	1364	SAGI	BEGUSARAI	Airtel	2 Mbps	HVSAT	N/A
449	1371	BHAIRWAR	BEGUSARAI	JMPLS	2 Mbps	HVSAT	N/A
450	1467	AKORA	BEGUSARAI	JMPLS	2 Mbps	HVSAT	N/A
451	1491	GANGRAHO	BEGUSARAI	JMPLS	2 Mbps	HVSAT	N/A
452	1499	RAGHUNATHPUR BEGUSARAI	BEGUSARAI	JMPLS	2 Mbps	HVSAT	N/A
453	1598	RAHIMPUR	BEGUSARAI	JMPLS	2 Mbps	HVSAT	N/A
454	1637	MAKWA	BEGUSARAI	JMPLS	2 Mbps	HVSAT	N/A
455	723	BARAHAT ISHIPUR	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
456	753	JAGDISHPUR BHAGALPUR	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
457	823	BELHAR	BHAGALPUR	Airtel	2 Mbps	HVSAT	N/A
458	1031	GOPALPUR BHAGALPUR	BHAGALPUR	Airtel	2 Mbps	HVSAT	N/A
459	1211	PAVAI	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
460	1212	KASBA BHAGALPUR	BHAGALPUR	Airtel	2 Mbps	HVSAT	N/A
461	1245	SHYAMBAZAR	BHAGALPUR	Airtel	2 Mbps	HVSAT	N/A
462	1246	SAJOUR	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
463	1247	KARHARIA	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
464	1249	DHOLBAZZA BAZAR	BHAGALPUR	Airtel	2 Mbps	HVSAT	N/A
465	1251	SAHUPARBATTA	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
466	1252	GANGANIA	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
467	1270	MAKDUMA	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
468	1276	MANDAR VIDYAPITH	BHAGALPUR	Airtel	2 Mbps	HVSAT	N/A
469	1295	ENGLISH-MORE	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
470	1297	Pachrukhi	BHAGALPUR	Airtel	2 Mbps	HVSAT	N/A
471	1367	FULLIDUMAR	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
472	1369	SAHEBGANJ	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
473	1375	GULNIKUSHA	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
474	1379	NANDLALPUR	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
475	1472	Tarar	BHAGALPUR	Airtel	2 Mbps	N/A	N/A
476	1477	KAKWARA	BHAGALPUR	Airtel	2 Mbps	HVSAT	N/A
477	1480	PYALAPUR	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
478	1513	BHITIA	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
479	1520	BUDHUCHAK	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
480	1580	DHOURI	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
481	1581	RATANPUR BHAGALPUR	BHAGALPUR	Airtel	2 Mbps	HVSAT	N/A
482	1646	KISHUNDASPUR	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
483	1648	DHANAUARA	BHAGALPUR	Airtel	2 Mbps	TVSAT	N/A
484	2599	MASDI	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A

485	2600	SALEMPUR BHAGALPUR	BHAGALPUR	JMPLS	2 Mbps	HVSAT	N/A
486	2601	KHAIRA BHAGALPUR	BHAGALPUR	Airtel	2 Mbps	HVSAT	N/A
487	3177	TINTANGA KARARI	BHAGALPUR	Airtel	2 Mbps	HVSAT	N/A
488	1485	GUMAGARH	BHUBANESWAR	JMPLS	2 Mbps	HVSAT	N/A
489	1666	ORTI	BHUBANESWAR	JMPLS	2 Mbps	HVSAT	N/A
490	2461	SUHAGPUR	BHUBANESWAR	Airtel	2 Mbps	HVSAT	N/A
491	3031	SUKAL	BHUBANESWAR	Airtel	2 Mbps	TVSAT	N/A
492	3109	GOTHAPATANA	BHUBANESWAR	Airtel	2 Mbps	HVSAT	N/A
493	3331	POTERU	BHUBANESWAR	Airtel	2 Mbps	HVSAT	N/A
494	1332	SUNUKPAHARI	BURDWAN	Airtel	2 Mbps	HVSAT	N/A
495	1604	MAHACHANDA	BURDWAN	Airtel	2 Mbps	HVSAT	N/A
496	1676	MADHABDIHI	BURDWAN	Airtel	2 Mbps	HVSAT	N/A
497	1678	BOROGOBINDAPUR	BURDWAN	Airtel	2 Mbps	HVSAT	N/A
498	1679	SAGRAI	BURDWAN	JMPLS	2 Mbps	HVSAT	N/A
499	1727	PALASON	BURDWAN	Airtel	2 Mbps	HVSAT	N/A
500	2222	LAYEK BANDH	BURDWAN	JMPLS	2 Mbps	HVSAT	N/A
501	2232	KASBA BURDWAN	BURDWAN	Airtel	2 mbps	HVSAT	N/A
502	2290	DHANARA	BURDWAN	Airtel	2 Mbps	HVSAT	N/A
503	2675	BAHARA	BURDWAN	Airtel	2 Mbps	HVSAT	N/A
504	3015	ARRAH BURDWAN	BURDWAN	JMPLS	2 Mbps	HVSAT	N/A
505	3284	DAKSHIN KHANDA	BURDWAN	Airtel	2 Mbps	HVSAT	N/A
506	3300	RUPNARAYANPUR	BURDWAN	Airtel	2 Mbps	HVSAT	N/A
507	3342	JHAJRA	DEHRADUN	JMPLS	2 Mbps	TVSAT	N/A
508	1353	BASSI DHARAMSHALA	DHARAMSHALA	Airtel	2 Mbps	HVSAT	N/A
509	3340	CHETRU	DHARAMSHALA	Airtel	2 Mbps	TVSAT	N/A
510	355	CHERRAPUNJI	GUWAHATI	Airtel	2 Mbps	HVSAT	N/A
511	1115	SRIJANGRAM	GUWAHATI	JMPLS	2 Mbps	HVSAT	N/A
512	1201	SIMLITOLA	GUWAHATI	JMPLS	2 Mbps	HVSAT	N/A
513	1202	JALESWAR GUWAHATI	GUWAHATI	Airtel	2 Mbps	HVSAT	N/A
514	1448	BAMUNIGAON	GUWAHATI	Airtel	2 Mbps	HVSAT	N/A
515	1459	SAMARIA SATRA	GUWAHATI	JMPLS	2 Mbps	HVSAT	N/A
516	1692	DHOPGURI	GUWAHATI	JMPLS	2 Mbps	HVSAT	N/A
517	2634	SILKIJAR	GUWAHATI	Airtel	2 Mbps	HVSAT	N/A
518	2644	KHARIJAPIKON (CT)	GUWAHATI	JMPLS	2 Mbps	HVSAT	N/A
519	2647	MATIA	GUWAHATI	JMPLS	2 Mbps	HVSAT	N/A
520	2648	HATIGARH NO.I	GUWAHATI	Airtel	2 Mbps	HVSAT	N/A
521	2649	MATIPARA-I	GUWAHATI	JMPLS	2 Mbps	HVSAT	N/A
522	2651	KALARCHAR	GUWAHATI	JMPLS	2 Mbps	HVSAT	N/A
523	2581	MOHMADPUR	HARYANA	JMPLS	2 Mbps	HVSAT	N/A
524	2582	HAIBATPUR	HARYANA	JMPLS	2 Mbps	HVSAT	N/A
525	2585	SAMPAL	HARYANA	JMPLS	2 Mbps	HVSAT	N/A
526	2587	KATESRA	HARYANA	JMPLS	2 Mbps	HVSAT	N/A
527	2612	MAHAWATI-PANIPAT	HARYANA	Airtel	2 Mbps	HVSAT	N/A
528	3009	BABARPUR	HARYANA	JMPLS	2 Mbps	HVSAT	N/A
529	3341	KURANA	HARYANA	Airtel	2 Mbps	TVSAT	N/A
530	3308	KANKABATI	HOOGHLY	Airtel	2 Mbps	HVSAT	N/A
531	1244	MADHARAM	HYDERABAD	JMPLS	2 Mbps	HVSAT	N/A
532	1263	PODICHANPALLY	HYDERABAD	Airtel	2 Mbps	HVSAT	N/A

533	3357	GARAPADU	HYDERABAD	Airtel	2 Mbps	HVSAT	N/A
534	628	ANTELA	JAIPUR	Airtel	2 Mbps	HVSAT	N/A
535	629	BANETI	JAIPUR	Airtel	2 Mbps	HVSAT	N/A
536	1086	DEEDWANA	JAIPUR	Airtel	2 Mbps	HVSAT	N/A
537	1649	RAHUWAS	JAIPUR	JMPLS	2 Mbps	HVSAT	N/A
538	2608	DHODSAR	JAIPUR	JMPLS	2 Mbps	HVSAT	N/A
539	2611	MORIJA	JAIPUR	Airtel	2 Mbps	HVSAT	N/A
540	2719	DEVAN	JAIPUR	Airtel	2 Mbps	HVSAT	N/A
541	3349	PANDITPURA	JAIPUR	Airtel	2 Mbps	TVSAT	N/A
542	1099	CHADI	JODHPUR	Airtel	2 Mbps	HVSAT	N/A
543	1226	HARIYADANA	JODHPUR	Airtel	2 Mbps	HVSAT	N/A
544	2977	GHANTIYALI	JODHPUR	Airtel	2 Mbps	HVSAT	N/A
545	3283	PALASANI	JODHPUR	JMPLS	2 Mbps	HVSAT	N/A
546	3287	KAKANI	JODHPUR	Airtel	2 Mbps	HVSAT	N/A
547	1208	PANCHMILE	JORHAT	JMPLS	2 Mbps	HVSAT	N/A
548	1545	BARAPATHAR	JORHAT	Airtel	2 Mbps	HVSAT	N/A
549	1389	MASTIPUR	LUCKNOW	Airtel	2 Mbps	HVSAT	N/A
550	1524	MAHONA	LUCKNOW	Airtel	2 mbps	HVSAT	N/A
551	2893	SHAHGARH	LUCKNOW	Airtel	2 Mbps	HVSAT	N/A
552	1859	WALNI MINES	NAGPUR	JMPLS	2 Mbps	HVSAT	N/A
553	1587	SAHUR	PATNA	Airtel	2 Mbps	HVSAT	N/A
554	1596	RATANPUR PATNA	PATNA	JMPLS	2 Mbps	HVSAT	N/A
555	1632	SABAIPATY	PATNA	Airtel	2 Mbps	HVSAT	N/A
556	1640	EKDANGA	PATNA	JMPLS	2 Mbps	HVSAT	N/A
557	3294	SIRSA	RAIPUR	Airtel	2 Mbps	HVSAT	N/A
558	3315	PARSADA	RAIPUR	Airtel	2 Mbps	HVSAT	N/A
559	3322	BAGHERA	RAIPUR	JMPLS	2 Mbps	HVSAT	N/A
560	1508	PRADHANKANTA	RANCHI	JMPLS	2 Mbps	HVSAT	N/A
561	2475	CHANDDIH	RANCHI	Airtel	2 Mbps	HVSAT	N/A
562	2762	THAKURGAON	RANCHI	Airtel	2 Mbps	HVSAT	N/A
563	3325	DUMRAUN	RANCHI	JMPLS	2 Mbps	HVSAT	N/A
564	2949	MANGALPUR	SAMBALPUR	JMPLS	2 Mbps	HVSAT	N/A
565	1406	SUMMERKOT	SHIMLA	Airtel	2 Mbps	HVSAT	N/A
566	1435	DHAML	SHIMLA	JMPLS	2 Mbps	HVSAT	N/A
567	1440	SPILO	SHIMLA	Airtel	2 Mbps	HVSAT	N/A
568	1462	BAGTHAN	SHIMLA	JMPLS	2 Mbps	HVSAT	N/A
569	1516	MANGARH	SHIMLA	Airtel	2 Mbps	HVSAT	N/A
570	2183	BAGGA	SHIMLA	Airtel	2 Mbps	HVSAT	N/A
571	2207	KALUJHANDA	SHIMLA	Airtel	2 Mbps	HVSAT	N/A
572	2570	KANGAL	SHIMLA	Airtel	2 Mbps	HVSAT	N/A
573	2890	KAKOG	SHIMLA	Airtel	2 Mbps	HVSAT	N/A
574	3068	DEOTH	SHIMLA	JMPLS	2 Mbps	HVSAT	N/A
575	3208	NAGHETA	SHIMLA	Airtel	2 Mbps	HVSAT	N/A
576	3209	PURUWALA	SHIMLA	JMPLS	2 Mbps	HVSAT	N/A
577	3336	SARYANJ	SHIMLA	Airtel	2 Mbps	TVSAT	N/A
578	673	PURANDARPUR	SURI	Airtel	2 Mbps	HVSAT	N/A
579	1145	INYATHPUR	SURI	JMPLS	2 Mbps	HVSAT	N/A
580	1530	PARSUNDI	SURI	JMPLS	2 Mbps	HVSAT	N/A

581	1536	RANGAIPUR	SURI	Airtel	2 Mbps	HVSAT	N/A
582	1549	GANGA PRASAD	SURI	JMPLS	2 Mbps	HVSAT	N/A
583	1665	DASKALGRAM	SURI	Airtel	2 mbps	HVSAT	N/A
584	1668	RUPASPUR	SURI	Airtel	2 Mbps	HVSAT	N/A
585	1708	LOHAPUR	SURI	JMPLS	2 Mbps	HVSAT	N/A
586	1709	BHABANIPUR	SURI	Airtel	2 Mbps	HVSAT	N/A
587	1711	BANASANKA	SURI	JMPLS	2 Mbps	HVSAT	N/A
588	2462	MANGALDIHI	SURI	JMPLS	2 Mbps	HVSAT	N/A
589	2471	KOYTHA	SURI	Airtel	2 Mbps	HVSAT	N/A
590	2683	BADAMTAM TEA ESTATE	SURI	JMPLS	2 Mbps	HVSAT	N/A
591	2684	BUXA FOREST CRAJA	SURI	Airtel	2 Mbps	HVSAT	N/A
592	2686	BAROBISHA	SURI	Airtel	2 Mbps	HVSAT	N/A
593	3051	JANU BAZAR	SURI	JMPLS	2 Mbps	HVSAT	N/A
594	3263	KASBA SURI	SURI	JMPLS	2 Mbps	TVSAT	N/A
595	1651	PARMESHWARPUR	VARANASI	JMPLS	2 Mbps	HVSAT	N/A
596	1699	SHAHPUR VARANASI	VARANASI	Airtel	2 Mbps	HVSAT	N/A
597	2523	BELHADIH	VARANASI	JMPLS	2 Mbps	HVSAT	N/A
598	2966	AMARGARH	VARANASI	JMPLS	2 Mbps	HVSAT	N/A
599	3045	PAHARPUR	VARANASI	Airtel	2 Mbps	HVSAT	N/A
600	3191	LAVANA	VARANASI	Airtel	2 Mbps	HVSAT	N/A

Certificate of Local Content

(Certificate from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content, on their letter head with Registration Number with seal.)

To,
Deputy General Manager
DIT, BPR & BTD
UCO Bank, Head Office
5th Floor, 3&4, DD Block, Sector-I
Salt Lake, Kolkata -700064

Dear Sir,

RFP REF No. DIT/BPR & BTD/OA/2805/2020-21 DATE: 04/01/2021

1. This is to certify that proposed _____ <product details> is having the local content of _____ % as defined in the above-mentioned RFP.
2. The details of location(s) at which the local value addition is made are as under:

Sl. No.	Product Details	Name of Place
1		
2		

3. This certificate is submitted in reference to the Public Procurement (Preference to Make in India), Order 2017 – Revision vide Order No. P-45021/2/2017-PP (BE-II) dated June04, 2020.

Counter Signed:

Bidder OEM

**Signature of Statutory
Auditor / Cost Auditor
Registration No.
Seal:**

Restriction on Procurement due to National Security

This Certificate should be submitted on the letterhead of the bidder as well as the OEM/ Manufacturer duly signed by an authorized signatory

To,

Deputy General Manager
DIT, BPR & BTD
UCO Bank, Head Office
5th Floor, 3&4, DD Block, Sector-I
Salt Lake, Kolkata -700064

Dear Sir,

RFP ref No. - DIT/ BPR & BTD/OA/2805/2020-21 DATE: 04/01/2021

1. "I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I hereby certify that this bidder is not from such a country and is eligible to be considered."
2. "I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; / certify that this bidder is not from such a country or, if from such a country, have been registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. (Where applicable, evidence of valid registration by the Competent Authority shall be attached.)"

Yours Faithfully,

Authorised Signatory,

Name:

Designation:

Vendors Corporate Name:

Address:

Email:

Contact No.