



West Bengal State Electricity Distribution Company Limited
(A Govt. of West Bengal Enterprise)
IT & Communication Cell (ISO 9001:2008 Certified)
Vidyut Bhavan, 3rd Floor, D – Block,
Salt Lake, Kolkata-700091.

Memo No: WBSEDCL/IT&C/ 6.10/ 648

To,
Vodafone South Limited,
Vodafone Business Services,
11 Dr. U. N. Brahmachari Street,
Kolkata – 17



Date: 10.01.2014

Sub: Letter of Award (LOA) for Establishment of Managed Multi Protocol Label Switching (MPLS) – Virtual Private Network (VPN) Connectivity for different Site Offices of WBSEDCL within the state of West Bengal

Ref:

1. Tender Notice No. WBSEDCL/IT&C/6.10/1875 dated 24.06.2013
2. Tender Corrigendum No. WBSEDCL/IT&C/6.10/1924 dated 08.07.2013
3. Tender Amendment No. WBSEDCL/IT&C/6.10/1977 dated 17.07.2013
4. Your Offer Ref. Nil Dtd. 29.07.2013
5. Your Letter No. Ref. Nil Dated. 09.12.2013
6. LOI Placed on You vide Memo No. WBSEDCL/IT&C/6.10/566 Dated. 19.12.2013
7. LOA placed on Wipro Ltd. vide Memo No. WBSEDCL/IT&C/6.10/648 Dated. 10.01.2014

Dear Sirs,

With Reference to above, WBSEDCL is pleased to place this Letter of Award (LOA) on you for Establishment of Managed Multi Protocol Label Switching (MPLS) – Virtual Private Network (VPN) Connectivity for different Site Offices of WBSEDCL within the state of West Bengal as per Scope of Work and Terms and Conditions as detailed below.

• **Scope of Work :-**

A. Establishment of MPLS-VPN Links :

1. You shall provide following Managed MPLS-VPN links to the different offices as per Annexure –I enclosed
 - (i) 362 nos. 2 Mbps managed MPLS –VPN links to the different branch offices throughout West Bengal State.
 - (ii) 6 nos. 10 Mbps managed MPLS-VPN links are at Kolkata, Baharampur, Burdwan, Midnapore and Siliguri Zonal Computer Centers and Vidyut Bhavan (H.Q.).
 - (iii) 2 nos. 50 Mbps managed MPLS-VPN links to DC and DRC located at New Town, Rajarhat and Baharampur respectively. Before effecting the connectivity at DRC, Baharampur you shall obtain necessary clearance from the IT&C Cell.

2. Network Connection shall be provided through either Ethernet Port or V.35, as per availability.
3. In different site locations BSNL MPLS-VPN link already exists. In some important offices dual links from BSNL and TTSL have been provided. BGP configuration is already done for the offices where dual links are commissioned. BGP configuration is required for all the site locations where MPLS-VPN link will be provided. The current MPLS - VPN links of WBSEDCL network are working with a common BGP AS (Autonomous System) for the MPLS cloud. You shall use the same BGP AS number.
4. Presently Private Class A range of TCP/IP for DC/DR and remote branch office LAN networks. These WBSEDCL networks over their MPLS backbone shall be advertised without any change in WBSEDCL network.
5. You shall use the private class B range for the WAN IPs for WBSEDCL MPLS connections in a manner that it shall not clash with the existing setup.
6. Whenever converging bandwidth reaches the threshold limit of bandwidth presently provided at Data Centre/ Data Recovery centre/Zonal computer centers/ and Branches, necessary up-gradation of bandwidth at these centers shall be provided by you.
7. It is to be ensured that the Backbone and bandwidth including the last mile is not through BSNL/TTSL links as the total redundancy is required.
8. At no point of time the traffic of the utility will be moving out of the country for monitoring or any other purpose.
9. The managed MPLS-VPN Network shall be provided in mesh topology.
10. Liaison with M/s Wipro Limited for delivery and commissioning of routers, Ethernet cards, Memory cards and upgrade of routers as per aforesaid LOA is being placed on M/s Wipro Limited. The delivery of items ordered on M/s Wipro Limited shall be executed on phased manner as per priority list provided/ to provided to you.

B. Supply, Delivery, Installation and Commissioning of New Routers and Upgrading of Existing Routers:

In your bid document it has been recommended that M/s Wipro Limited would be your implementation partner in reference to the Clause No. GCC1.12 as noted as Sr. No. 4 of our amendment of NIT vide reference No. WBSEDCL/IT&C/6.10/1977 dated 17.07.2013. Subsequently vide your letter dtd. 29.07.2013, you confirmed that necessary order for supply, delivery, install and Commission 108 numbers new Routers (Annexure - II), upgrading of memory cards for existing 148 routers and IOS for existing 159 nos routers, delivery of 50 (fifty) numbers Ethernet cards as per Annexure-I would be placed on M/s Wipro Limited as per your tender documents. The specifications of new routers, Valrack Racks are enclosed as Annexure -III.

Accordingly a separate order on M/s Wipro Limited is being placed for aforesaid work.

You shall take all necessary action for timely delivery of new routers, ethernet cards, upgrading of existing routers by M/s Wipro Limited so that schedule for establishment of MPLS-VPN links shall maintain.

Delay in execution of work by M/s Wipro Limited for whatsoever reason shall not be the cause for delay of establishment of MPLS-VPN by you and LD as per LD clause mentioned elsewhere in this LOA may be imposed.

As SLA parameters indicated in the clause no GCC 13.2 of this LOA dependent partially on the performance of routers under the LOA which is being placed on M/s Wipro Limited, you shall take all necessary measures and monitor the rectification of faults of routers.

TERMS & CONDITIONS:-

GCC.1. **Contract Price :- Rs.4,47,42,076.00/=** (Rupees Four Crore Forty Seven Lacs Forty Two Thousand Seventy Six only) including all taxes and duties as detailed in Annexure - IV.

GCC.2. **General Terms:**

GCC.2.1. The entire project shall be executed on TURN KEY concept.

GCC.2.2. Responsibility regarding contractual obligations related to installation, commissioning, warranty, post warranty service of the hardware to be supplied by M/s Wipro Limited shall also bind on you for maintainability of SLA of the Links to be commissioned.

GCC.2.3. All correspondence, documents, exchanged between the party and WBSEDCL shall be written in English language.

GCC.3. **Cancellation/Termination of Order:** WBSEDCL shall have the right to repudiate the contract if the work is not completed within schedule completion time as per "Execution Period" Clause. The following causes may also lead to cancellation of LOA.

GCC.3.1. Non acceptance of LOA as per "Acceptance" clause.

GCC.3.2. Non submission of Performance BG within time.

GCC.3.3. If failed to implement the project.

GCC.3.4. In above cases 15 days termination notice shall be issued prior to termination of LOA.

*B.G. No. PEBBOM402121 dt. 05/03/14 of HSBC
amounting to ₹ 2,46,08,142/- valid upto 20/08/15
and claim period upto 18/11/15.*

GCC.4. **Performance Guarantee :**

GCC.4.1 **During Warranty Period for the supplied materials / equipments:**

GCC.4.1.1. An amount of 110% of total sum of 100% of yearly rent including 100% tax and duties shall be the Bank Guarantee with validity period one (1) year and six (6) months and claim period of three (3) months beyond validity period as per contract. The BG shall be submitted to the CE, IT&C Cell, 3rd Floor, 'D' Block, Bidyut Bhawan, WBSEDCL.

GCC.4.1.2. The bank guarantee shall provide for payment of any damage due to WBSEDCL, for failure of you to meet his obligations under the contract.

GCC.4.1.3. Performance Guarantee is intended to secure the satisfactory performance by you of the entire contract. However, it is to be construed as limiting the damages under contract period. No interest will be payable on Performance B.G.

GCC.5. **Arbitration & Legal Jurisdiction:**

GCC.5.1. During execution of this contract, if any dispute arises thereby, shall be settled amicably between WBSEDCL and yourself to the extent possible.

GCC.5.2. All disputes or differences in respect of which the decision if any has not become final shall be settled by arbitration in accordance with the provisions of the Arbitration and Conciliation Act - 1996 or any statutory modification thereof. The venue of Arbitration shall be Kolkata only.

GCC.5.3. The necessary legal affairs and / or court case shall be exclusively within the jurisdiction of Calcutta High Court only.

GCC.6. **Quantity:** The provisional quantities of various items are shown in the Price Schedules. WBSEDCL, during execution of the contract, reserves the right to increase or decrease the

quantity of goods and services up to +/-50% of the quantities shown in the price schedule without any change in unit price or other terms and conditions at the time of placement/during execution of the order.

✓GCC.7. **Period of Contract:** *from 13/12/2013 to 18/06/2016*

Initial Period of contract shall be 2 years 6 months from the date of placement of Order which includes 6 months execution period. After 2 years and 6 months, WBSEDCL may increase the period of contract at (3) three sequels of (2) two years each up to another (6) six years depending upon the each previous (2) two years performance at the same rate and terms and conditions of the Letter of Award (LOA) placed on you which shall be accepted without imposing any conditions.

GCC.8. **Taxes, Duties and other levies:**

You shall be responsible for the taxes that may be levied on contractor's persons or on earnings of any of your employees and shall hold the employer's indemnified and harmless against any claims that may be made against the employer. WBSEDCL does not take any responsibility whatsoever regarding taxes under "Income Tax Act" for you or your personnel. If it is obligatory under the provisions under "Income Tax Act", deduction of Income Tax at source shall be made by you.

✓GCC.9. **Execution Period:** *i.e., within 18/06/2014 i.e., 13/12/2013*

Within a period of 6 months from the date of placement of referred LOI, you shall complete the MPLS-VPN Connectivity as per detailed scope of work indicated in the LOA. The entire work need to be completed on turnkey basis.

If you can not complete the total execution work within the stipulated execution period, then WBSEDCL shall have every right to place the order for execution of the unfinished portion of the work to the party quoted the second lowest value for the job with same terms and condition of the LOA placed on you.

✓GCC.10. **Liquidated damage:**

The timely completion of entire project including handing over the sites to WBSEDCL as per "Execution Period" is the basic consideration and essence of the contract and WBSEDCL reserves the right to repudiate the contract if you fail to complete the work within stipulated period for completion. However, the ordering authority may at his discretion waive this condition with imposition of liquidated damage indicated herein below.

✓GCC.10.1. **Delay in implementation of the project for managed MPLS-VPN Network:**

If you fail to complete the work within the completion time as stated in the Clause of "Execution Period" (Clause GCC.11), a L.D. at the rate of 1/2% of the value of unfinished portion per week of delay or part thereof subject to a maximum of 10% of value of the unfinished portion of the scheme shall be imposed. As it is a turn-key project & mere provision of links cannot be construed as completion of work, hence for the purpose of this clause, work will be treated as finished for a particular location only when successful commissioning, trial run and handover-takeover of the MPLS-VPN system is complete. Otherwise the total value of material and work for that particular location will be treated as unfinished and L.D. will be calculated on the total value of that unfinished portion of that location. L.D. if applicable will be deducted only from bills on installation & commissioning (Terms of payment).

- ✓GCC.10.2. Liquidated Damage, if applicable during warranty period, will be recovered from any outstanding bills / bank guarantee lying / to be lying with WBSEDCL.

GCC.11. **Force Majeure :**

GCC.11.1. You shall be under no liability if you are prevented from carrying out any of your obligations by reason of war, invasion, and act of foreign country, hostilities, riots, civil commotion, mutiny, accident, earthquake, fires, floods, orders and / or restrictions and other cause beyond the reasonable control of you. However, such force majeure circumstances are to be intimated immediately and to be established subsequently with proper documents / proofs to the entire satisfaction of WBSEDCL.

GCC.11.2. WBSEDCL will not take any additional liability towards enhanced taxes, duties and price variation due to force majeure condition.

GCC.12. **Risk Purchase / Performance:** Adherence to time schedules mentioned in the foregoing clauses shall be deemed as the essence of contract and if you fail to deliver within the periods prescribed for such work in the rate contract order, WBSEDCL shall be entitled to execute the job through the best and nearest substitute available elsewhere on the account and at the risk of yours or to cancel the contract and the you shall be liable to compensate for any loss or damage which WBSEDCL may sustain by reason of such failure on the part of the Contracting Agency.

GCC.13. **Technical Parameter Clause for Network :**

GCC.13.1. You shall provide MPLS-VPN links as per the technical parameters described below.

✓GCC.13.2. **Detailed Technical Parameters for MPLS-VPN Network**

SN	Name of the Parameter	Details
1	Uptime	Up to 99.5%
2	Latency	≤ 80 ms
3	Packet loss	≤ 1%
4	Basis of Calculation	Per Month
5	Service Window	24 X 7 (Except national Holidays)
7	Rebate for downtime	For every 05 hours in excess of 11 hours in a quarter a rebate of <u>0.5% of the rental of the circuit per quarter.</u>
8	Rebate for latency / Packet loss.	If NSP (Network Service Provider) fails to meet the Technical Parameters for Latency / Packet loss for a continuous period of 30 minutes, then the customer's account shall be credited on prorata basis by a credit equal to 5 times the outage period.
9	Upper Limit of rebate	Rental for that location.

✓GCC.14. **Submission of bills for payment :**

✓GCC.14.1. All the bills in triplicate with relevant papers, documents are to be submitted to the Controlling Officer at IT & C Cell for payment.

GCC.15. Terms of Payment:

GCC.15.1. For Network :-

100% yearly rent including 100% tax and duties will be paid in advance against 110% of the equivalent amount of Bank Guarantee with validity period one (1) year and six (6) months and claim period of three (3) months beyond validity period. Advance payment will be adjusted against normal yearly rent bills to be submitted by you along with NMS generated downtime as well as SLA specific report against each and individual link for the year after completion of one year supported by commissioning certificate of MPLS-VPN link signed by the site officers and counter signed by the nodal, supervising and controlling officers.

If you fail to submit normal rent bills of MPLS-VPN links prior to two months of expiry of BG in consideration to the validity and claim period of the BG, the said BG shall be invoked by WBSEDCL without further reference.

BG for advance payment will be returned after payment of normal rent bills for the said period.

Above procedure will be followed for payment of subsequent year's bill.

GCC.16. Way Leave (ROW) :

You shall arrange the necessary way leave for installation of any equipment/antenna etc. in the offices located at hired premises. It shall be the responsibility of you to arrange way leave/ROW (Right of Way) for installation of their equipment/antenna in connection to establishment of the links. WBSEDCL shall neither negotiate with the owner of land/hired premises nor incur any additional charges toward obtaining way leave (ROW) permission whatsoever. However WBSEDCL shall provide necessary help toward acquiring permission from the owner of the land/rented house as and when required.

GCC.17. Change of Location after commissioning of Link :

The MPLS-VPN links which are to be established at different site offices may liable to shift in the neighboring locations within the town itself due to change of address of those locations during the course of the time. Such shifting shall be made by you as and when required during the contract period as per the rate described against the shifting of locations at the price bid (Annexure - IV).

GCC.18. Communication: The vendor, for communicating with WBSEDCL, for this job may use the following modes.

FAX- (033) 2337 2427.

Telephone - (033) 2359 9244, 2358 9230, 2319 7634.

GCC.19. Representative of the Contractor:

GCC.19.1. It is required to nominate one officer exclusively for this project from commencement to completion as a Nodal Officer to be stationed at Kolkata, with whom WBSEDCL will contact on all matters related to this order.

GCC.19.2. You have to specifically furnish to WBSEDCL, the name, designation, Telephone no. including mobile no., email address of such person.

GCC.20. WBSEDCL personnel for liaison :

GCC.20.1. **Controlling Officer:** Addl. Chief Engineer, IT & C Cell. - He would issue the successful completion certificate.

GCC.20.2. **Nodal Officer:** Superintending Engineer (E), IT & C Cell - He would supervise

- & monitor all the activities.
- GCC.20.3. ✓ **Supervising Officer:** Divisional Engineer (E), IT & C Cell – He would supervise & monitor all the activities.
- GCC.20.4. ✓ **Consignee and Site Officer:** Respective in-charge of the offices where equipments will be commissioned and links will be drawn.
- GCC.20.5. ✓ **Paying Authority:** Manager (F&A), Establishment-Corporate, Bidyut Bhawan, WBSEDCL.

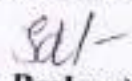
GCC.21. This LOA shall be considered as contract agreement between the utility and service provider to uphold the aforementioned work.

Enclosure:

1. Annexure-I: List of the Sites with the type of MPLS-VPN link to be drawn
2. Annexure-II: List of the Locations where installation of New routers and upgrading of Old Routers required.
3. Annexure-III : Technical specification of Links, New Routers Memory Card, Two Port Ethernet Card as well as IOS for upgradation
4. Annexure- IV: Total BOQ along with Priced Value of the Items
5. Annexure- V: Format of Bid Guarantee for contract performance

Enclo. As above.

Yours faithfully,


(A. Brahma)
Chief Engineer, IT&C,
WBSEDCL



West Bengal State Electricity Distribution Company Limited
(A Government of West Bengal Enterprise)
(IT & Communication Cell)
Vidyut Bhavan, 3rd Floor, V.D. Block, Bidhan Nagar, Block-DJ, Sec-II, Kolkata-700091
Phone No. 033-2358-9665, FAX No. 033-2337-2427, 033-2358-9244
Website: www.wbsecl.in, e-mail: itcell@wbsecl.in
CIN: U40109WB2007SGC113473

Memo No: WBSEDCL/IT&C/6.10/1755
PO No.: 5100291481

Date: 15/06/20
Dated: 15.06.2017

To,
M/s. Bharat Sanchar Nigam Limited,
West Bengal Telecom Circle,
8, Red Cross Place,
Kolkata - 700 001.

Sub: Renewal order of MPLS-VPN Network with MNS for 1134 nos. locations and 2 nos Internet Lease Line under WBSEDCL.

Ref:

- (i) LoA No.: IT&C/6.10/1548 dated 07/02/2017 and ERP PO No.: 5100257400 dated 07/02/2017.
- (ii) LoA No.: IT&C/6.10/1258 dated 26/09/2016 and ERP PO No.: 5100226289 dated 19/09/2016.
- (iii) LoA No.: IT&C/6.10/1549 dated 07/02/2017 and ERP PO No.: 5100257422 dated 07/02/2017.
- (iv) LoA No.: IT&C/6.10/1804 dated 05/05/2017 and ERP PO No.: 5100278900 dated 05/05/2017.
- (v) LoA No.: IT&C/6.10/564 dated 02/09/2015 and ERP PO No.: 5100086120 dated 27/08/2015 and Amendment LoA memo no.: IT&C/6.10/1765 dated 22/04/2017
- (vi) LoA No.: IT&C/6.10/936 dated 30/12/2011.
- (vii) LoA No.: IT&C/6.10/1139 dated 07/01/2011.
- (viii) Your offer letter vide memo no.- WBTC/EB/WBSEDCL/H-133 dated 21/02/2017.
- (ix) Our letter vide Memo No.: IT&C/6.10/1687 dated 28/03/2017.

Dear Sir,

With Reference to the above, WBSEDCL is pleased to place this renewal Letter of Award (LoA) on you for MNS over Establishment of Managed Multi Protocol Label Switching (MPLS) – Virtual Private Network (VPN) Connectivity for different Site Offices and 2 nos. Internet Lease Lines under WBSEDCL within the state of West Bengal as per Scope of Work and Terms and Conditions as detailed below.

• **Scope of Work :-**

Establishment of MPLS-VPN Links and Internet Lease Line:

1. You shall provide 1134 nos. Managed MPLS-VPN links to the different offices and 2 nos. ILL circuits as per Annexure –I enclosed, bandwidth wise MPLS-VPN link locations breakup as follows:

<u>Sl. No.</u>	<u>MPLS-VPN Bandwidth(in Mbps)</u>	<u>No. of Locations (In Nos.)</u>
1	2	1099
2	4	26
3	10	1
4	17	5
5	30	1
6	34	1
7	80	1
		1134

2. You shall provide 2 Nos. Internet Lease Lines as per Annexure –I under WBSEDCL.
3. The entire project shall be executed on TURN KEY concept. Network Connection shall be provided through copper/OFC/RF without any extra cost and terminated either Ethernet Port or V.35 as per availability.
4. Presently we use private Class A range of IP for DC/DR and remote branch office LAN networks. These WBSEDCL networks over their MPLS backbone shall be advertised without any change in WBSEDCL network.
5. You shall use the private class B range for the WAN IPs for WBSEDCL MPLS connections in a manner that it shall not clash with the existing setup.
6. At no point of time the traffic of the utility will not be moving out of WBSEDCL network for monitoring or any other purpose.
7. The managed MPLS-VPN Network shall be provided in mesh topology.
8. 24*7 NMS support with at least one personnel from your end should be posted at Vidyut Bhavan for monitoring and docketing during any fault of MPLS-VPN link on proactive basis.
9. As per requirement of WBSEDCL any customized NMS generated report must be submitted within stipulated time.
10. Maintenance of the above communication links shall be as per SLA already signed between WBSEDCL & BSNL against the LOA No.: IT&C/6.10/2831 dated 13/03/2010.

• Terms & Conditions:-

GCC.1. Contact Price:

<u>Sl. No.</u>	<u>Description of the link</u>	<u>Number of Location</u>	<u>Annual Rate (INR)</u>	<u>Total Amount (INR)</u>
1	2 MBPS MPLS-VPN Connectivity for 1st year	1099	179088.00	196817712.00
2	2 MBPS MPLS-VPN Connectivity for 2nd year	1099	179088.00	196817712.00
3	4 MBPS MPLS-VPN Connectivity for 1st year	26	285422.00	7420972.00
4	4 MBPS MPLS-VPN Connectivity for 2nd year	26	285422.00	7420972.00
5	10 MBPS MPLS-VPN Connectivity for 1st year	1	528310.00	528310.00
6	10 MBPS MPLS-VPN Connectivity for 2nd year	1	528310.00	528310.00
7	17 MBPS MPLS-VPN Connectivity for 1st year	5	628798.00	3143990.00
8	17 MBPS MPLS-VPN Connectivity for 2nd year	5	628798.00	3143990.00
9	30 MBPS MPLS-VPN Connectivity for 1st year	1	814727.00	814727.00
10	30 MBPS MPLS-VPN Connectivity for 2nd year	1	814727.00	814727.00
11	34 MBPS MPLS-VPN Connectivity for 1st year	1	871935.00	871935.00
12	34 MBPS MPLS-VPN Connectivity for 2nd year	1	871935.00	871935.00
13	80 MBPS MPLS-VPN Connectivity for 1st year	1	1468115.00	1468115.00
14	80 MBPS MPLS-VPN Connectivity for 2nd year	1	1468115.00	1468115.00
15	ILL 15 Mbps for 1st year	2	416582.00	833164.00
16	ILL 15 Mbps for 2nd year	2	416582.00	833164.00
Total (Excluding Taxes and Cesses)				423797850.00
Forty Two Crore Thirty Seven Lakh Ninety Seven Thousand Eight Hundred Fifty Rupees Only				
Total Service Tax and Cess				63569677.50
Total (Including Taxes and Cesses)				487367527.50
Forty Eight Crore Seventy Three Lakh Sixty Seven Thousand Five Hundred Twenty Seven Rupees and Fifty Paise Only				

GCC.1.1. The above amount is inclusive of service tax and cess.

GCC.1.2. Applicable service tax, cess and/or any other tax applicable in lieu of Service Tax as per law of land.

Above rate is subject to change on the following conditions:

- i) In case, if the normal rate card for MPLS-VPN connectivity with NMS comes below the rate mentioned in LOA as above, the lower rate will be automatically applicable for this LOA.
- ii) If the Government of India announces special tariff for data connectivity under PAN India program for MPLS-VPN with NMS and the PAN India rate is below the LOA rate. Such special tariff will be applicable for this LOA provided the same tariff is lower than the LOA rate.

The change of rate indicated above will be applicable from the date of effect of such rates.

GCC.2. Period of Contract:

The Period of contract shall be 2 years i.e., from 01.04.2017 to 31.03.2019. The Letter of Award (LoA) placed on you which shall be accepted without imposing any conditions.

GCC.3. Taxes, Duties and other levies:

You shall be responsible for the taxes that may be levied on contractor's persons or on earnings of any of your employees and shall hold the employer's indemnified and harmless against any claims that may be made against the employer. WBSEDCL does not take any responsibility whatsoever regarding taxes under "Income Tax Act" for you or his personnel. If it is obligatory under the provisions under "Income Tax Act", deduction of Income Tax at source shall be made by you.

GCC.4. Force Majeure:

You shall be under no liability if you are prevented from carrying out any of your obligations by reason of war, invasion, and act of foreign country, hostilities, riots, civil commotion, mutiny, accident, earthquake, fires, floods, orders and / or restrictions and other cause beyond the reasonable control of you. However, such force majeure circumstances are to be intimated immediately and to be established subsequently with proper documents / proofs to the entire satisfaction of WBSEDCL. WBSEDCL will not take any additional liability towards enhanced taxes, duties and price variation due to force majeure condition.

GCC.5. Arbitration & Legal Jurisdiction:

GCC.5.1. During this contract period, if any dispute arises thereby, shall be settled amicably between WBSEDCL and yourself to the extent possible.

GCC.5.2. All disputes or differences in respect of which the decision if any has not become final shall be settled by arbitration in accordance with the provisions of the

Arbitration and Conciliation Act – 1996 or any statutory modification thereof.
The venue of Arbitration shall be Kolkata only.

GCC.5.3. The necessary legal affairs and / or court case shall be exclusively within the jurisdiction of Calcutta High Court only.

GCC.6. Conflict of Interest :

Neither M/s Bharat Sanchar Nigam Limited nor any of their personnel shall engage in any personal, business or professional activity which conflicts or could conflict with any of their obligation in relation with this project.

GCC.7. Change of Location after commissioning of Link :

The MPLS-VPN links which are to be established at different site offices may liable to shift in the neighboring locations within the town itself due to change of address of those locations during the course of the time. Such shifting shall be made by you as and when required during the contract period.

GCC.8. Technical Parameter Clause for Network :

You shall provide MPLS-VPN links as per the technical parameters described below:

<u>Sl. No.</u>	<u>Name of the Parameter</u>	<u>Details</u>
1	Uptime	Up to 99.5%
2	Latency	≤ 80 ms
3	Packet loss	≤ 1%
4	Basis of Calculation	Per Month
5	Service Window	24 X 7 (Except national holidays)
6	SLA Rebate for downtime	For every 05 hours in excess of 11 hours in a quarter a rebate of 0.5% of the rental of the circuit per quarter.
7	SLA Rebate for latency / Packet loss.	If NSP (Network Service Provider) fails to meet the Technical Parameters for Latency / Packet loss for a continuous period of 30 minutes, then the customer's account shall be credited on prorata basis by a credit equal to 5 times the outage period.
8	Upper Limit of rebate	Rental for that location.
9	NMS generated Report	If NSP(Network Service Provider) fails to provide NMS generated downtime report then downtime deduction will be 30% of rental charge of NMS unavailable period against each running data circuit.

GCC.9. Terms of Payment:

GCC.9.1. Quarterly and link wise NMS generated downtime report is to be submitted by you to WBSEDCL for calculation.

GCC.9.2. Bill for annual rental charges of 2 nos. ILL and 1134 nos. MPLS-VPN data circuits as per Annexure – I in triplicate with deduction of SLA rebate as per

- clause no. GCC.8. against this LOA and other relevant documents are to be submitted to the Controlling Officer at IT & C Cell for payment.
- GCC.9.3. The commissioning certificate of newly commissioned MPLS-VPN link signed by controlling officer should be provided along with bill.
- GCC.9.4. Payments will be made through Cheque drawn in favour of "Sr. A.O. (Cash), BSNL, West Bengal Telecom Circle, Kolkata" or through NEFT/RTGS mode against demand bill raised.

GCC.10. Acceptance of LOA:

You shall submit written unconditional acceptance of this LOA within 15 (fifteen) days from date of issuance of the award. In case of non-compliance, WBSEDCL reserves the right to cancel the LOA placed on you.

GCC.11. Communication:

For communicating with WBSEDCL, for this job may use the following modes.
FAX- (033) 2337 2427.
Telephone – (033) 2359 9244, 2358 9230, 2319 7634.

GCC.12. Representative of Vendor:

- GCC.12.1. It is required to nominate one officer exclusively for this project from commencement to completion as a Nodal Officer to be stationed at Kolkata, with whom WBSEDCL will contact on all matters related to this order.
- GCC.12.2. You have to specifically furnish to WBSEDCL, the name, designation, Telephone no. including mobile no., email address of such person.

GCC.13. WBSEDCL personnel for liaison :

- GCC.13.1. **Controlling Officer:** Addl. Chief Engineer, IT & C Cell. - He would issue the successful completion certificate.
- GCC.13.2. **Nodal Officer:** Superintending Engineer, IT & C Cell – He would supervise & monitor all the activities.
- GCC.13.3. **Supervising Officer:** Divisional Engineer, IT & C Cell – He would supervise & monitor all the activities.
- GCC.13.4. **Site Officer:** Respective in-charge of the offices where links will be drawn.
- GCC.13.5. **Paying Authority:** Manager (F&A), Establishment-Corporate, Bidyut Bhawan, WBSEDCL.

Enclosure:

1. Annexure-I: List of the Sites MPLS-VPN links.
2. Annexure-II: List of the Sites of ILLs'.

Yours faithfully,
Sd/-
(A.K.Sinha)
Chief Engineer, IT&C Cell
WBSEDCL

Memo No: WBSEDCL/IT&C/ 6.10/ 1755 (i)
PO No. : 5100291481

Date: 15/6/17
Dated : 15.06.2017

Copy to:

Resident Audit Officer, Indian Audit & Accounts Dept., O/o The Principal Accountant General (Audit), WB, Treasury Buildings, 2 Government Place (W), Kolkata - 700 001.

Sd/-
(A.K.Sinha)
C.E., IT & C Cell
WBSEDCL

Memo No: WBSEDCL/IT&C/ 6.10/ 1755 (i-vi)
PO No. : 5100291481

Date: 15/6/17
Dated : 15.06.2017

Copy to:

- i) The Executive Director(IT), WBSEDCL.
- ii) The GM (F&A), Corporate, WBSEDCL.
- iii) Sri Tapas Kundu, A.C.E., IT&C Cell, WBSEDCL.
- iv) The AGM (F&A) IT, WBSEDCL.
- v) Sri. D.K.Pal, S.E., IT&C Cell, WBSEDCL.
- ✓vi) The Manager (F&A), Establishment Corporate, WBSEDCL.


15/6/17
C.E., IT & C Cell
WBSEDCL

✓
may 14
07/08



**WBSEDCL****WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY**

(A Govt. of West Bengal Enterprise)
 Vidyut Bhavan Karunamoyee Salt Lake
 Kolkata, North 24 PGS
 700091

Memo No. IT & C/6.10/ 708
 PO No.: 5100106812

Dated : 17.10.15
 PO Dated : 16.

To
 M/s. TATA COMMUNICATIONS LIMITED,
 Videsh Sanchar Bhavan, 1/18, VII-M CIT Scheme, Ulta Danga,
 KOLKATA-700054.
 Ph. No. 91-3366116600
 Fax No.

(Supplier's Code No. 510198)

Sub: Letter of Award (LOA) for providing Communication link
 including Internet Bandwidth to Data Centre, Disaster F
 Centre and different remote offices of WBSEDCL.

- Ref : i) Letter of TCL dated 12.05.2015
 ii) Our letter having Memo No: WBSEDCL/ IT&C / 6.10 / 3
 09.06.2015 to TCL
 iii) Affidavit of Joint declaration of representatives
 TTSL dated 15.06.2015.
 iv) Mom of meeting having Memo No: WBSEDCL/ IT&C / 6.10
 dated 15.07.2015.
 v) LoA having Memo No: IT&C/33.10(NW)/370 dated 09.08.2
 Chief Engineer, IT&C Cell.

Dear Sir / Madam,

In pursuance of above reference, West Bengal State Electricity Di
 Company Limited (WBSEDCL) is pleased to place this Letter of Award
 you for providing Communication link (MPLS # VPN) including Intern
 Bandwidth to Data Centre, Disaster Recovery Centre and different R
 offices of WBSEDCL as detailed below :-

Sl. No.	Mat. Code	Mat. Description	Quantity	UoM	Unit Ex-Works Rate(Rs.)	Unit P&I Charges (Rs.)	Tots (Ex)
1		MLPS-VPN for DC & DR # 30 Mbps	2.000	NOS	1553707.00		3,1
2		MLPS-VPN for Site Offices # 2 Mbps	151.000	NOS	93049.17		14,
3		Internet Bandwidth For DC & DR # 15 MBPS	2.000	NOS	1309258.00		2,6
					Total :	Rs.	19.

ONE CRORE NINETY SEVEN LAKH SEVENTY SIX THOUSAND THREE HUNDRED FIFTY FOUR
 SEVEN Paise only.



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LIMITED**

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Total Discount :	Nil
Total Excise Duty :	Nil
Total VAT/CST :	Nil
Total Service Tax :	2,768,689.65
Total Amount (Rs.) (Including Tax and Duties):	22,545,044.32
TWO CRORE TWENTY FIVE LAKH FORTY FIVE THOUSAND FORTY FOUR Rupees THIRTY TWO Paise only	

Terms and Conditions:-

- i) The above rate is including of service tax.
- ii) Service tax will be paid as per prevailing rate.
- iii) The price of LOA will however remain valid for upto 09.08.2016 and cannot be enhanced within this period for any reason whatsoever.

Above rate is subject to change on the following conditions:

- i) In case the normal rate card for MPLS-VPN connectivity of BSNL comes below the rate mentioned in LOA as above, the lower rate will be automatically applicable for this LOA.
 - ii) If the Government of India announces special tariff for data connectivity under PAN India program for MPLS-VPN and the PAN India rate is below the LOA rate. Such special tariff will be applicable for this LOA provided the same tariff is lower than the LOA rate.
- The change of rate indicated above will be applicable from the date of effect of such rates.

2. Scope of Work:

1. Establishment of:
 - I. 30 Mbps MPLS-VPN for Data Centre.
 - II. 30 Mbps MPLS-VPN for Disaster Recovery Centre.
 - III. 2 Mbps MPLS-VPN for Remote Offices.
 - IV. 15 Mbps Internet Bandwidth for Data Centre.
 - V. 15 Mbps Internet Bandwidth for Disaster Recovery Centre.

2. Configuration of the connectivity such that automatic changeover occur from primary connectivity to backup on failure of primary and again to primary on restoration of the same.

3. Validity of Contract:

The validity of this Contract shall be upto 09.08.2016. The contract period can be extended by mutual agreement of both sides further based on the performance and maintenance of MPLS-VPN links by M/S TCL in accordance to LOA.

4. General Terms & Conditions:

- a) The terms and conditions will be guided by Service Level Agreement (SLA) to be executed within seven days from the date of issuance of LOA.
- b) In addition to the terms and conditions as mentioned in the SLA the



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following terms and conditions will be applicable.
i) M/s Tata Communications Ltd will raise demand bills against the locations, submit the same to WBSEDCL for payment.
ii) The number of connectivity can be varied to a maximum extent of +30% of initial connectivity as per same rate, terms and condition of LOA in the event some offices of WBSEDCL gets merged or some new offices of WBSEDCL are formed due to organizational re-orientation.
iii) As in this case the links are migrating from TTSL to TCL, the date of commissioning of all links to be treated as 01.10.2015.
iv) One nodal officer is to be intimated by M/s TCL for all sorts of communication as a single point of contact.

5. Service:

- i) M/s TCL will provide one user name and password for online viewing of status of connectivity. The password can be reset by WBSEDCL. Any loss of password will be intimated in writing to you and you in turn will provide us new password.
- ii) Any occurrence of fault will be SMS-ed to a particular number and also mailed to WBSEDCL.
- iii) Report pertaining to health of the link/s with parameters as detailed in Annexure-A of the SLA can be printed / saved locally.
- iv) The records are to be preserved for a period of one year.
- v) Any manually docketed call is also to be maintained in a separate TAB on the portal.
- vi) The data transferred over this connectivity should be secure and M/s TCL will ensure non-intrusion in the WBSEDCL system from domain outside WBSEDCL.

6. Completion Time:

The establishment of MPLS-VPN connectivity at all the locations is to be completed within 01.10.2015.

7. WBSEDCL personnel for Liaison:

Controlling Officer: Additional Chief Engineer, IT & C Cell.
Supervising Officer: Superintending Engineer, IT & C Cell.
Nodal Officer: Divisional Engineer, IT & C Cell. - He will supervise & monitor all the activities of this contract.

Paying Authority: Manager (F&A), Establishment Corporate;

8. Performance Guarantee: 25 No. 0670005150000363 dt. 1/2/15 of M/s TCL will have to submit performance Guarantee in the form of Bank Guarantee on Non-Judicial Stamp Paper of Rs.100/- by any schedule Bank in India as per Annexure. Amount is equivalent to 110% of the contract value including service tax. Performance Guarantee is to be submitted within 15 days from the date of receipt of the LOA. Validity of Bank Guarantee will be upto 09.08.2016 and claim period will be further six months. Format enclosed (Annexure-E).

9. Payment Terms:

- i) For 1st year: 100% payment of the annual contract value including admissible Service Tax will be paid, in advance on submission of Performance Bank Guarantee.
- ii) For subsequent year: 100% payment of the annual contract value including admissible Service Tax will be paid after deduction of down time of the previous year as per SLA against this LOA. Yearwise and linkwise authentic downtime report is to be submitted by you to WBSEDCL for calculation.

10. Cancellation / Termination of Order:

Extended upto
05/06/2015
with claim period
upto 05/06/2015



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- i) The order may be cancelled / terminated by both the parties after 3 months or quarter end.
- ii) The order may be terminated by the purchaser for Non-Acceptance of LOA and/or non-submission of Bank guarantee as per Performance Guarantee clause.

11. Force Majeure:

M/s TCL shall have no liability if prevented from carrying out obligation under this order by reason of War, Invasion, Foreign hostilities. War declared, Riot, Civil Commotion, Mutiny, Fire, Flood, Earth Quake, Government Orders and/or restrictions or any other cause beyond the reasonable control of M/s TCL. However, such Force Majeure circumstances are to be intimated to WBSEDCL immediately and to be established subsequently with appropriate documents/proofs to the entire satisfaction of WBSEDCL.

12. Settlement of Disputes :

- a. The purchaser and the supplier (NBSP) shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under the contract.
- b. If the parties fail to resolve such a dispute or difference by mutual consultation within twenty Eight (28) days from the commencement of such dispute and difference either party may require that the dispute be referred for resolution to the formal mechanism, described below:
 - i) The mechanism for resolution of disputes for suppliers shall be in accordance with the provisions of Indian Arbitration and Conciliation Act 1996. The Arbitral Tribunal shall consist of Three (3) Arbitrators. Each party shall nominate an Arbitrator and two (2) nominated Arbitrators shall mutually agree and nominate a third Presiding Arbitrator.
 - ii) The nominated Arbitrator shall be a retired High Court Judge and Umpire shall be a retired Chief justice of any High Court in India.
 - iii) Place of Arbitration shall be in Kolkata.

13. Tripartite Agreement:

As per R-APDRP norms M/s TCL have to sign a Tripartite Agreement with M/s as per enclosed format.

14. Legal Jurisdiction:

During execution of this job, if any dispute arises thereby, the necessary legal affairs and/or Court case shall be exclusively within the jurisdiction of Calcutta High Court.

15. Penal Measure:

As per SLA of the contract agreement

16. SLA:

The signed SLA (as per Annexure-A) is to be submitted along with the submission of acceptance of the LOA.

17. Liquidated Damage:

Liquidated damage will be charged @ 0.5% per week or part thereof of the delay subject to the maximum of 5% of yearly link charge of the individual location and will be realized from the bill.

18. Change of Location after commissioning of Link :

The MPLS-VPN links which are to be established at different site offices may



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liable to shift in the neighboring locations within the town itself due change of address of those locations during the course of the time. Such shifting shall be made by you as and when required during the contract period and the lump sum price per site will be Rs 10,000/- plus service tax as applicable after commissioning of all 152 nos. site offices. Individual shifting order should be given from the site offices.

19. Acceptance of LOA:

You shall submit written unconditional acceptance of this LOA within 7 (seven) days from date of issuance of the award; In case of non-compliance WBSEDCL reserves the right to cancel the LOA placed on you.

Enclo : As Stated.

- Annexure # A: SLA for MPLS-VPN and Internet Bandwidth of M/S TCL.
Annexure # B: Location Address:
Annexure # C: SLA Details for MPLS-VPN Link and Internet Bandwidth service
Annexure # D: List of Site.
Annexure # E: Proforma of Bank Guarantee.

Date:

ss/-

C.E., IT & C Cell
WBSEDCL

Memo No. IT & C/6.10/

Dated:

Copy to:-

Resident Audit Officer, Indian Audit & Accounts Dept.

C.E., IT & C Cell
WBSEDCL

Memo No. IT & C/6.10/ 708(1-5)

DATE:- 16.10.2015

Copy To:

- i) The Executive Director (IT), WBSEDCL.
- ii) ACE, IT&C Cell, WBSEDCL.
- iii) The AGM (F&A) IT, Corporate, WBSEDCL.
- iv) Sri.D.K.Pal S.E., IT&C Cell, WBSEDCL.
- v) The Manager (F&A), Establishment Corporate, WBSEDCL.





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700091

Date:

S. Paul
17-10-2016

C.E., IT & C Cell
WBSEDCL

List of site offices running with MPLS VPN links

1 message

DIPAK PAL <pal.wbasedcl@gmail.com>

Sat, Nov 3, 2018 at 11:10 AM

To: wbasedclcompilation@gmail.com

Cc: Sumit Mukherjee <sumit.mukherjee@gmail.com>, Sudip Samdder <sudip1.wbasedcl@gmail.com>, mrigendra.singh@wbasedcl.in

Dear Sir,

Please find attached the excel file having 3 sheets BSNL_Live,Vodafone_Live,TCL_Live containing the locations running at present with the respective MPLS VPN links.

*Thanks with Regards**Dipak Kr. Pal**Addl. C. E., IT&C Cell**Vidyut Bhavan**WBSEDCL*

LiveMPLSVPNLocations.xlsx

51K

List of locations running with MPLS VPN network provided by M/S Vodafone

	Location Naming convention : Site offices running under which division eg Schooldanga_CCC-Bankura_V--> Schooldanga CCC under Bankura Division with V for Vodafone link	
Sl No	Location	WAN IP
1	Uluberia_CCC-Uluberia_V	172.30.8.6
2	Satgachia_CCC-Memari_V	172.31.50.178
3	Santragachhi_CCC-Howrah-I_V	172.30.7.46
4	Rajpur_CCC-Garia_V	172.30.7.198
5	Marishda_CCC-Contai_V	172.30.66.238
6	Makia_CCC-Serampore_V	172.30.7.10
7	Kharibari_CCC-Siliguri_Suburban_V	172.31.65.38
8	Khargram_CCC-Kandi_V	172.31.51.42
9	Katwa_DO.DCC_Katwa_CCC-Katwa_V	172.31.48.214
10	Gopalpur_CCC-Durgapur_V	172.31.48.242
11	Bansdroni_CCC-Garia_V	172.30.7.86
12	Banarhat_CCC-Mal_V	172.31.65.34
13	Anandapur_CCC-Midnapore_V	172.30.64.154
14	Alipur_CCC1-Memari_V	172.31.52.114
15	Rupnarayanpur_CCC-Asansol_V	172.31.49.66
16	Rudranagar_CCC-Kakdwip_V	172.30.9.42
17	Nagarukhra_CCC-Kalyani_V	172.31.54.154
18	Gushkara_CCC-Burdwan_V	172.31.50.202
19	Vidyut_Bhavan_V	172.30.9.62
20	Upperkuai_CCC-Ghatal_V	172.30.64.134
21	Uluberia_DO.DCC-Uluberia_V	172.30.7.194
22	Ula_Birnagar_CCC-Kalyani_V	172.31.51.146
23	Ukhra_CCC-Durgapur_V	172.31.49.26
24	Udaynarayanpur_CCC-Howrah-II_V	172.30.8.146
25	Toofanganj_CCC-Coochbehar_V	172.31.65.226
26	Thakurnagar_CCC-Bongaon_V	172.30.8.154
27	Telkalpara_CCC-Purulia_V	172.31.49.22
28	Tehatta_DO.DCC-Tehatta_V	172.31.51.194
29	Tehatta_CCC-Tehatta_V	172.31.49.154
30	Tegharia_CCC-Bidhannagar-II_V	172.30.7.182
31	Teesta_Bazar_CCC-Kalimpong_V	172.31.65.230
32	Tarakeswar_DO.DCC.Tarakeswar_CCC-Tarakeswar_V	172.30.9.186
33	Tapan_CCC-Dakhin_Dinajpur_V	172.31.65.134
34	Taldangra_CCC-Khatra_V	172.31.50.230
35	Takdah_CCC-Darjeeling_V	172.31.66.218
36	Swarupnagar_CCC-Basirhat_V	172.30.9.30
37	Swarupganj_CCC-Krishnanagar_V	172.31.51.166

38	Sutragarh_CCC-Krishnanagar_V	172.30.0.198
39	Sujapur_CCC-South_Malda_V	172.31.66.18
40	Subhaspally_CCC-Siliguri_V	172.31.65.74
41	Subarnapur_CCC-Kalyani_V	172.31.52.14
42	Srerampore_Divisional_Store-Srerampore_V	172.30.5.6
43	Sonarpur_CCC-Garia_V	172.30.7.202
44	Sonamukhi_CCC-Bishnupur_V	172.31.49.90
45	Sonakhali_CCC-Ghatal_V	172.30.64.182
46	Somrabazar_CCC-Mogra_V	172.30.9.214
47	Sodepur_CCC-Barrackpore_V	172.30.4.194
48	Sitarampur_CCC1-Asansol_V	172.31.53.6
49	Simlapal_CCC-Khatra_V	172.31.50.234
50	Shyampur_CCC-Uluberia_V	172.30.19.218
51	Shyamnagar_CCC-Naihati_V	172.30.10.226
52	Shibmandir_CCC-Siliguri_Suburban_V	172.31.64.82
53	Serisha_CCC-Diamond_Harbour_V	172.30.8.230
54	Sarenga_CCC-Khatra_V	172.31.50.226
55	Sarberia_CCC-Bidhannagar_II_V	172.30.21.2
56	Sandeshkhali_CCC-Basirhat_V	172.30.9.26
57	Samudragarh_CCC-Kalna_V	172.31.49.14
58	Samsi_CCC-North_Malda_V	172.31.66.66
59	Saltora_CCC-Bankura_V	172.31.49.170
60	Salar_CCC-Kandi_V	172.31.51.46
61	Salap_CCC-Howrah-II_V	172.30.7.226
62	Saktipur_CCC-Kandi_V	172.31.51.34
63	Saktigarh_CCC-Memari_V	172.31.50.186
64	RNBaghnapara_CCC1-Kalna_V	172.31.53.10
65	Rishra_CCC-Serampore_V	172.30.9.90
66	Rejinagar_CCC-Berhampore_V	172.31.51.58
67	Raninagar_CCC-Domkal_V	172.31.49.150
68	Raniganj_CCC-Asansol_V	172.31.49.18
69	Ranibandh_CCC-Khatra_V	172.31.50.30
70	Ramjibanpur_CCC-Ghatal_V	172.30.64.130
71	Rajnagar_CCC-Suri_V	172.31.51.14
72	Rajhati_CCC-Arambag_V	172.30.8.42
73	Rajbalhat_CCC-Tarakeswar_V	172.30.9.158
74	Rajarhat_CCC-Bidhannagar_II_V	172.30.9.70
75	Raipur_CCC-Khatra_V	172.31.50.174
76	Raina_CCC-Burdwan_V	172.31.49.186
77	Rahara_CCC-Barrackpore_V	172.30.7.150
78	Raghunathpur_DO_DCC-Raghunathpur_V	172.30.66.222
79	Raghunathpur_CCC-Raghunathpur_V	172.31.50.206
80	Radhanagar_CCC-Bishnupur_V	172.31.50.118
81	Pursurah_CCC-Arambag_V	172.30.9.250

82	Purbasthali_CCC-Kalna_V	172.31.49.246
83	Puncha_CCC-Raghunathpur_V	172.31.51.230
84	Pradhannagar_CCC-Siliguri_V	172.31.64.222
85	PPSP_Control_Room_V	172.31.52.122
86	Polba_CCC-Chandannagar_V	172.30.9.206
87	Pingla_CCC-Kharagpur_V	172.30.64.118
88	Pichhaboni_CCC-Contai_V	172.30.66.234
89	Phansidewa_CCC-Siliguri_Suburban_V	172.31.64.250
90	Patrasayar_CCC-Bishnupur_V	172.31.50.254
91	Pathar_Pratima_CCC-Kakdwip_V	172.30.9.38
92	Patashpur_CCC-Egra_V	172.30.66.10
93	Paranpur_CCC-North_Malda_V	172.31.66.162
94	Panskura_CCC-Tamluk_V	172.30.64.214
95	Pansila_CCC-Barrackpore_V	172.30.9.98
96	Pandua_CCC-Mogra_V	172.30.9.198
97	Pandobeswar_CCC-Durgapur_V	172.31.49.34
98	Panchthupi_CCC-Kandi_V	172.31.50.190
99	Panchla_CCC-Uluberia_V	172.30.7.90
100	Panchdhar_Avoynagar_CCC-Tehatta_V	172.31.52.22
101	Panagarh_CCC-Durgapur_V	172.31.48.194
102	Palassey_CCC-Tehatta_V	172.31.48.18
103	Pailan_CCC-Behala_V	172.30.9.146
104	Oodlabari_CCC-Mal_V	172.31.64.226
105	Onda_CCC-Bishnupur_V	172.31.49.86
106	Old_Malda_CCC-South_Malda_V	172.31.66.26
107	North_Malda_DO.DCC-North_Malda_V	172.31.67.38
108	Nimpura_CCC-Kharagpur_V	172.30.67.14
109	New_Barrackpore_CCC-Bidhannagar_II_V	172.30.7.106
110	Nazirpur_CCC-Tehatta_V	172.31.50.142
111	Nayagram_CCC-Kharagpur_V	172.30.67.10
112	Naxalbari_CCC-Siliguri_Suburban_V	172.31.65.42
113	Nasibpur_CCC-Singur_V	172.30.10.230
114	Narayangarh_CCC-Kharagpur_V	172.30.64.94
115	Nandigram_CCC-Haldia_V	172.30.66.34
116	Nandakumar_CCC-Tamluk_V	172.30.64.114
117	Namkhana_CCC-Kakdwip_V	172.30.9.34
118	Nalikul_CCC-Singur_V	172.30.9.174
119	Nalhati_CCC-Rampurhat_V	172.31.49.218
120	Nagrakata_CCC-Mal_V	172.31.64.190
121	Nadanghat_CCC1-Burdwan_V	172.31.53.2
122	Nabastha_CCC-Memari_V	172.31.50.182
123	Nabagram_CCC-Serampore_V	172.30.8.10
124	Muraroj_CCC-Rampurhat_V	172.31.50.246
125	Muragacha_CCC-Barrackpore_V	172.30.7.118

126	Munshirhat_CCC-Howrah-II_V	172.30.8.150
127	Moynaguri_CCC-Jalpaiguri_V	172.31.65.6
128	Moyna_CCC-Tamluk_V	172.30.64.178
129	Mothabari_CCC-South_Malda_V	172.31.66.30
130	Monteswar_CCC-Kalna_V	172.31.49.194
131	Mollarpur_CCC-Rampurhat_V	172.31.48.230
132	Moirabagan_CCC-Basirhat_V	172.30.9.22
133	Mohanpur_CCC-Kharagpur_V	172.30.64.210
134	Mograhat_CCC-Baruipur_V	172.30.8.214
135	Mogra_DO.DCC-Mogra_V	172.30.7.154
136	Mogra_CCC-Mogra_V	172.30.7.158
137	Mirik_CCC-Kurseong_V	172.31.65.78
138	Minakhan_CCC-Bidhannagar-II_V	172.30.8.246
139	Midnapore_ZCC_V	172.30.65.2
140	Mettali_CCC-Mal_V	172.31.66.58
141	Mejia_CCC-Bankura_V	172.31.50.214
142	Md_Bazar_CCC-Suri_V	172.31.49.2
143	Mayureswar_CCC-Rampurhat_V	172.31.50.6
144	Matigara_CCC-Siliguri_Suburban_V	172.31.65.202
145	Matlary_CCC-Tehatta_V	172.31.51.190
146	Matangini_CCC-Tamluk	172.30.64.162
147	Maskalaibari_&_Ukilpara_CCC-Jalpaiguri_V	172.31.64.230
148	Masat_CCC-Tarakeswar_V	172.30.9.154
149	Manikpara_CCC-Jhargram_V	172.30.64.110
150	Manbazar_CCC-Raghunathpur_V	172.31.51.242
151	Malatipur_CCC-North_Malda_V	172.31.66.150
152	Mahishadal_CCC-Haldia_V	172.30.65.242
153	Madpur_CCC-Kharagpur_V	172.30.65.18
154	Madarihat_CCC-Alipurduar_V	172.31.64.170
155	Lowada_CCC-Kharagpur_V	172.30.65.142
156	Lalgola_CCC-Jiaganj_V	172.31.50.138
157	Lakshmikantapur_CCC-Baruipur_V	172.30.8.198
158	Labpur_CCC-Bolpur_V	172.31.48.250
159	Kusmandi_CCC-Dakshin_Dinajpur_V	172.31.65.118
160	Kurmun_CCC-Burdwan_V	172.31.49.94
161	Kultoli_CCC-Baruipur_V	172.30.20.102
162	Kulpi_CCC-Diamond_Harbour_V	172.30.8.218
163	Krishnanagar_DO.DCC.Krishnanagar_Rd_Stn_CCC-Krishnanagar_V	172.31.51.170
164	Krishnanagarj_CCC-Krishnanagar_V	172.31.51.118
165	Kolkata_Zone_V	172.30.11.226
166	Kolkata_ZCC.Bidhannagar-I_DCC_V	172.30.9.58
167	Kolkata_Leather_Complex_CCC-Bidhannagar-II_V	172.30.10.250
168	Kolaghat_CCC-Tamluk_V	172.30.65.254
169	Khoyrasole_CCC-Suri_V	172.31.50.238

170	Kholapota_CCC-Basirhat_V	172.30.9.18
171	Khezuri_CCC-Contai_V	172.30.64.158
172	Khatra_DO-Khatra_V	172.31.59.178
173	Khatra_CCC-Khatra_V	172.31.50.218
174	Kharyan_CCC-Mogra_V	172.30.9.210
175	Khanakul_CCC-Arambag_V	172.30.8.38
176	Khamargachhi_CCC-Mogra_V	172.30.9.202
177	Khalisani_CCC-Chandannagar_V	172.30.6.234
178	Khakurda_CCC-Kharagpur_V	172.30.65.74
179	Khagrabari_CCC-Coochbehar_V	172.31.66.74
180	Ketugram_CCC-Katwa_V	172.31.49.250
181	Kestopur_CCC-Bidhannagar_II_V	172.30.7.246
182	Keshiary_CCC-Kharagpur_V	172.30.64.106
183	Keotsha_CCC-Basirhat_V	172.30.1.114
184	Katiahat_CCC-Basirhat_V	172.30.19.18
185	Kashipur_CCC-Raghunathpur_V	172.31.52.34
186	Karimpur_CCC-Tehatta_V	172.31.52.54
187	Karandighi_CCC-Raiganj_V	172.31.67.218
188	Kanki_CCC-Islampur_V	172.31.65.174
189	Kandi_CCC-Kandi_V	172.31.49.198
190	Kampa_CCC-Naihati_V	172.30.7.54
191	Kamarpukur_CCC-Arambag_V	172.30.8.46
192	Kaliachak_CCC-South_Malda_V	172.31.67.10
193	Kakdwip_DO.DCC.Kakdwip_CCC-Kakdwip_V	172.30.11.46
194	Kadamgachi_CCC-Barasat_V	172.30.12.238
195	Joypur_CCC-Purulia_V	172.31.51.226
196	Joypur_CCC-Bishnupur_V	172.31.50.122
197	Jibantala_CCC-Canning_V	172.30.3.78
198	Jiaganj_DO-Jiaganj_V	172.31.59.186
199	Jhalda_CCC-Purulia_V	172.31.51.250
200	Jetia_CCC-Naihati_V	172.30.9.142
201	Jeerat_CCC-Barasat_V	172.30.10.2
202	Jaynagar_CCC-Baruipur_V	172.30.8.114
203	Jangipara_CCC-Tarakeswar_V	172.30.9.150
204	Jangalpara_CCC-Tarakeswar_V	172.30.9.178
205	Jamuria_CCC-Durgapur_V	172.31.49.30
206	Jamboni_CCC-Jhargram_V	172.30.64.42
207	Jamulpore_CCC-Memari_V	172.31.50.198
208	Jaldhulagori_CCC-Howrah-I_V	172.30.7.94
209	Jagdishpur_CCC-Howrah-I_V	172.30.9.194
210	Itahar_CCC-Raiganj_V	172.31.65.190
211	Indus_CCC-Bishnupur_V	172.31.49.98
212	Indpur_CCC-Khatra_V	172.31.49.114
213	Hydel_HQ_SiliguriHydel_V	172.31.67.190

214	Howrah_II_DO.DCC-Howrah-II_V	172.30.9.102
215	Howrah_I_DO.DCC-Howrah_RO_Office-Howrah-I_V	172.30.9.66
216	Hingalgunj_CCC-Basirhat_V	172.30.9.226
217	Hemtabad_CCC-Raiganj_V	172.31.65.170
218	Haroa_CCC-Basirhat_V	172.30.9.14
219	Harischandrapur_CCC-North_Malda_V	172.31.66.158
220	Harirampur_CCC-Dakhin_Dinajpur_V	172.31.66.86
221	Haripal_CCC-Singur_V	172.30.9.169
222	Halisahar_CCC-Naihati_V	172.30.7.102
223	Haldibari_CCC-Jalpaiguri_V	172.31.65.14
224	Haldia_DO.DCC-Haldia_V	172.30.65.94
225	Hakimpura_CCC-Siliguri_V	172.31.64.62
226	Gurap_CCC-Tarakeswar_V	172.30.8.242
227	Guma_CCC-Habra_V	172.30.18.254
228	Gourangapur_CCC-Tamluk_V	172.30.64.250
229	Gopiballavpur_CCC-Jhargram_V	172.30.64.206
230	Gopalnagar_CCC-Tamluk_V	172.30.64.150
231	Gopalnagar_CCC-Bongaon_V	172.30.8.190
232	Gokarna_CCC-Kandi_V	172.31.51.174
233	Goghat_CCC-Arambag_V	172.30.8.58
234	Gobordanga_CCC-Habra_V	172.30.8.22
235	Goalpokher_CCC-Islampur_V	172.31.65.110
236	Goaljan_CCC-Kandi_V	172.31.51.26
237	Gazol_CCC-North_Malda_V	172.31.66.10
238	Gayeshpur_CCC-Kalyani_V	172.30.7.26
239	Garia_DO.DCC_Garia_CCC-Garia_V	172.30.6.238
240	Garchumuk_CCC-Uluberia_V	172.30.8.130
241	Garanpota_CCC-Bongaon_V	172.30.8.174
242	Gangnapur_CCC-Kalyani_V	172.31.51.126
243	Gangajalghati_CCC-Bankura_V	172.31.50.126
244	Galsi_CCC-Burdwan_V	172.31.50.194
245	Gaighata_CCC-Habra_V	172.30.8.182
246	Fulia_CCC-Krishnanagar_V	172.31.51.154
247	FSEZ_CCC-Diamond_Harbour_V	172.30.8.226
248	Falta_CCC-Diamond_Harbour_V	172.30.8.222
249	Falakata_CCC-Alipurduar_V	172.31.64.182
250	Egra_DO.DCC-Egra_V	172.30.66.150
251	Egra_CCC-Contal_V	172.30.66.6
252	East_Bishnupur_CCC-Kalyani_V	172.31.51.90
253	Dubrapara_CCC-Raghunathpur_V	172.31.52.30
254	Doulatabad_CCC-Domkal_V	172.31.51.62
255	Domohini_CCC-Asansol_V	172.31.49.42
256	Domkol_DO-Domkol_V	172.31.59.182
257	Domkal_CCC-Domkal_V	172.31.49.142

258	Domjur_CCC-Howrah-II_V	172.30.7.98
259	Distribution_Testing_Abhikhan_V	172.30.6.54
260	Disaster_Recovery_Centre_Berhampore_V	172.31.52.110
261	Dignagar_CCC-Krishnanagar_V	172.31.51.106
262	Digha_CCC-Contai_V	172.30.64.226
263	Dhubulia_CCC-Tehatta_V	172.31.50.54
264	Dhatrigram_CCC-Kalna_V	172.31.50.110
265	Dhaniakhali_CCC-Tarakeswar_V	172.30.8.238
266	Deuligram_CCC-Uluberia_V	172.30.3.222
267	Deganga_CCC-Barasat_V	172.30.66.50
268	Debagram_CCC-Tehatta_V	172.31.51.186
269	Dattapukur_CCC-Barasat_V	172.30.9.126
270	Data_Centre_Rajarhat_V	172.30.11.98
271	Daspur_CCC-Ghatal_V	172.30.64.242
272	Dasnagar_CCC-Howrah-I_V	172.30.9.234
273	Dantan_CCC-Kharagpur_V	172.30.64.98
274	Dankuni_CCC-Serampore_V	172.30.7.250
275	Dalkhola_CCC-Islampur_V	172.31.65.94
276	Dakhsin_Barasat_CCC-Baruipur_V	172.30.2.66
277	Dainhat_CCC-Katwa_V	172.31.49.62
278	Dadpur_CCC-Tarakeswar_V	172.30.8.234
279	Coochbehar_RO.DO_V	172.31.65.66
280	Chorpalia_CCC-Egra_V	172.30.68.194
281	Chitrashali_CCC-Krishnanagar_V	172.31.52.190
282	Chhatna_CCC-Bankura_V	172.31.49.118
283	Chapra_CCC-Tehatta_V	172.31.52.18
284	Chanditala_CCC-Serampore_V	172.30.9.190
285	Chandipur_CCC-Haldia_V	172.30.64.218
286	Chanchal_CCC-North_Malda_V	172.31.66.154
287	Chandahati_CCC-Baruipur_V	172.30.8.110
288	Chandadanga_CCC-Arambag_V	172.30.9.246
289	Chakdah_(West)_CCC-Kalyani_V	172.31.51.130
290	Chak-Islampur_CCC-Domkal_V	172.31.49.138
291	Canning_DO.DCC-Canning_V	172.30.0.138
292	Canning_CCC-Canning_V	172.30.8.62
293	C_K_Town_CCC-Ghatal_V	172.30.44.74
294	C_K_Road_CCC-Midnapore_V	172.30.64.90
295	Burikhal_CCC-Uluberia_V	172.30.7.222
296	Burdwan_Zone.Burdwan_RO.Burdwan_UrbandO.DCC_V	172.31.52.118
297	Burdwan_ZCC.BurdwanRuralDO.DCC.Burdwan_Sec_I_CCC_V	172.31.48.222
298	Buniadpur_CCC-Dakhin_Dinajpur_V	172.31.65.114
299	Burdwan_CCC-Purulia_V	172.31.51.238
300	Budge_Budge_CCC-Behala_V	172.30.9.230
301	Budbud_CCC-Durgapur_V	172.31.50.134

302	Brajajalchak_CCC-Haldia_V	172.30.67.210
303	Boral_CCC-Garia_V	172.30.9.130
304	Boinchee_CCC-Mogra_V	172.30.9.254
305	Boalia_CCC-Garia_V	172.30.7.254
306	Birsingha_CCC-Ghatal_V	172.30.64.230
307	Birshibpur_CCC-Uluberia_V	172.30.8.2
308	Birpara_CCC-Alipurduar_V	172.31.64.238
309	Birnagar_CCC-Raiganj_V	172.31.65.214
310	Birati_CCC-Bidhannagar_II_V	172.30.7.242
311	Birpur_CCC-Jhargram_V	172.30.64.202
312	Bidhannagar_II_DO.DCC-Bidhannagar_II_V	172.30.9.118
313	Bhebia_CCC-Basirhat_V	172.30.9.6
314	Bhattanagar_CCC-Howrah-I_V	172.30.7.50
315	Bhatpara_CCC-Nailhati_V	172.30.7.62
316	Bhatar_CCC-Burdwan_V	172.31.49.78
317	Bharatpur_CCC-Kandi_V	172.31.51.50
318	Bhangar_CCC-Bidhannagar_II_V	172.30.9.218
319	Bhaluka_CCC-North_Malda_V	172.31.66.62
320	Bhagwangola_CCC-Jiaganj_V	172.31.51.22
321	Bhagabanpur_CCC-Egra_V	172.30.64.146
322	Bethuadahari_CCC-Tehatta_V	172.31.51.182
323	Berhampore_ZCC.Berhampore_DO.DCC.Murshidabad_RO_V	172.31.49.10
324	Berachampa_CCC-Barasat_V	172.30.8.30
325	Belpahari_CCC-Jhargram_V	172.30.67.6
326	Beliatorie_CCC-Bankura_V	172.31.49.134
327	Beldanga_CCC-Berhampore_V	172.31.49.174
328	Belda_DO-Belda_V	172.30.65.250
329	Belda_CCC-Kharagpur_V	172.30.64.86
330	Behala_DO-Behala_V	172.30.7.214
331	Behala_DCC-Behala_V	172.30.7.2
332	Begumpur_CCC-Serampore_V	172.30.9.162
333	Baxirhat_CCC-Coochbehar_V	172.31.67.246
334	Basanti_CCC-Canning_V	172.30.12.114
335	Barua_CCC-Midnapore_V	172.30.66.2
336	Barjora_CCC-Bankura_V	172.31.50.130
337	Bargachia_CCC-Howrah-II_V	172.30.8.162
338	Barasat_II_CCC-Barasat_V	172.30.2.254
339	Barakar_CCC-Asansol_V	172.31.50.2
340	Barabazar_CCC-Purulia_V	172.31.51.234
341	Bansberia_CCC-Mogra_V	172.30.7.234
342	Banpas_CCC-Burdwan_V	172.31.50.90
343	Banipur_CCC-Habra_V	172.30.8.26
344	Bandel_CCC-Chandannagar_V	172.30.7.38
345	Bamongola_CCC-North_Malda_V	172.31.66.38

346	Ballymore_CCC-Chandannagar_V	172.30.7.22
347	Bally_CCC-Howrah-I_V	172.30.9.122
348	Ballichak_CCC-Kharagpur_V	172.30.65.246
349	Balighai_CCC-Egra_V	172.30.65.118
350	Balarampore_CCC-Purulia_V	172.31.52.2
351	Bakrahat_CCC-Behala_V	172.30.4.242
352	Baishnabnagar_CCC-South_Malda_V	172.31.67.90
353	Baidyapur_CCC-Kalna_V	172.31.49.214
354	Baharan_CCC-Berhampore_V	172.31.51.246
355	Bagula_CCC-Krishnanagar_V	172.31.51.158
356	Baguihati_CCC-Bidhannagar-II_V	172.30.7.130
357	Bagnan-II_CCC-Uluberia_V	172.30.8.134
358	Bagnan-I_CCC-Uluberia_V	172.30.8.138
359	Bagdogra_CCC-Siliguri_Suburban_V	172.31.65.46
360	Bagdha_CCC-Bongaon_V	172.30.8.158
361	Badkulla_CCC-Krishnanagar_V	172.31.51.122
362	Athpur_CCC-Naihati_V	172.30.5.182
363	Asansol_DO.DCC-Asansol_V	172.31.50.114
364	Asanpur_CCC-Arambag_V	172.30.8.54
365	Arsha_CCC-Purulia_V	172.31.52.10
366	Aranghata_CCC-Kalyani_V	172.31.51.138
367	Arabindnagar_CCC-Barrackpore_V	172.30.7.146
368	Andul_Mouri_CCC-Howrah-I_V	172.30.7.82
369	Andal_CCC-Durgapur_V	172.31.49.58
370	Anara_CCC-Raghunathpur_V	172.31.51.214
371	Amtala_CCC-Berhampore_V	172.31.49.202
372	Amtala_CCC-Behala_V	172.30.9.82
373	Amta_CCC-Howrah-II_V	172.30.8.166
374	Amoragori_CCC-Howrah-II_V	172.30.8.169
375	Ajodhya_CCC-Uluberia_V	172.30.8.142
376	Aistala_CCC-Kalyani_V	172.31.51.142
377	Aiho_CCC-South_Malda_V	172.31.66.42
378	Ahmedpur_CCC-Bolpur_V	172.31.49.230
379	Agarpara_CCC-Barrackpore_V	172.30.7.162
380	Adra_CCC-Raghunathpur_V	172.31.51.218
381	Adisaptagram_CCC-Mogra_V	172.30.12.242

List of locations running with MPLS VPN network provided by M/S BSNL

Location Naming convention : Site offices running under which division eg Schooldanga_CCC-Bankura_II-> Schooldanga CCC under Bankura Division with II for BSNL link

Sl No	Location	WAN IP
1	Telkalpara_CCC-Purulia_B	172.21.49.21
2	Sarberia_CCC-Bidhannagar_II_B	172.20.21.1
3	Rudranagar_CCC-Kakdwip_B	172.20.9.41
4	Rathbari_CCC-South_Malda_B	172.21.66.21
5	Raniganj_CCC-Asansol_B	172.21.49.17
6	Purulia_DO.DCC-RO-Purulia_B	172.21.51.197
7	Phulbari_CCC-South_Malda_B	172.21.66.45
8	Paranpur_CCC-NorthMalda_B	172.21.66.161
9	Noapara_CCC-Barasat_B	172.20.7.177
10	Nadia_RO_B	172.20.7.65
11	Nabastha_CCC-Memari_B	172.21.50.181
12	Nabapally_CCC-Barasat_B	172.20.9.77
13	Mukundapur_CCC-Contai_B	172.20.65.85
14	Moyanaguri_CCC-Jalpaiguri_B	172.21.65.5
15	Mothabani_CCC-South_Malda_B	172.21.66.29
16	Minakhan_CCC-Bidhannagar_II_B	172.20.8.245
17	Midnapore_CCC-Midnapore_B	172.20.64.165
18	Medinipur_RO_B	172.20.66.21
19	Lodhama_CCC-Darjeeling_B	172.21.68.33
20	Kultoli_CCC-Baruipur_B	172.20.20.101
21	Krishnanagar_DO.DCC-Krishnanagar_Rd_Stn_CCC-Krishnanagar_B	172.21.51.169
22	Khatra_CCC-Khatra_B	172.21.50.217
23	Ketugram_CCC-Katwa_B	172.21.49.249
24	Katwa_CCC-Katwa_B	172.21.48.209
25	Karimpur_CCC-Tehatta_B	172.21.52.53
26	Kakdwip_CCC-Kakdwip_B	172.20.9.45
27	Harirampur_CCC-Dakshin_Dinajpur_B	172.21.66.85
28	Habra_CCC-Habra_B	172.20.8.33
29	Garanpota_CCC-Bongaon_B	172.20.8.173
30	Dhulan_CCC-Raghunathganj_B	172.21.51.85
31	Desnagar_CCC-Howrah-I_B	172.20.9.233
32	Dadpur_CCC-Tarkeshwar_B	172.20.8.233
33	Contai_CCC-Contai_B	172.20.64.121
34	Chakdah_(East)_CCC-Kalyani_B	172.21.51.133
35	Burdwan_RO_B	172.21.48.225
36	Bishnupur_DO.DCC-Bishnupur_B	172.21.49.109
37	Aistala_CCC-Kalyani_B	172.21.51.141
38	Toofanganj_CCC-Coochbehar_B	172.21.65.225
39	Tapai_CCC-Dakshin_Dinajpur_B	172.21.65.133
40	Somrabazar_CCC-Mogra_B	172.20.9.213
41	Salap_CCC-Howrah-II_B	172.20.7.225
42	Saktigarh_CCC-Memari_B	172.21.50.185
43	Nabagram_CCC-Iliganj_B	172.21.51.69
44	Mongpoo_CCC-Kalimpong_B	172.21.65.233
45	Mothabanga_CCC-Mothabanga_B	172.21.65.221
46	Makla_CCC-Serampore_B	172.20.7.9

47	Khargram_CCC-Kandi_B	172.21.51.41
48	Kampa_CCC-Naihati_B	172.20.7.53
49	Itahar_CCC-Raiganj_B	172.21.65.189
50	Gopalpur_CCC-Durgapur_B	172.21.48.241
51	Chanchal_CCC-North_Malda_B	172.21.66.153
52	Begumpur_CCC-Serampore_B	172.20.9.161
53	Balarampur_CCC-Purulia_B	172.21.52.1
54	WBHDCUtility_NewTownAA_II_CCC-NTESCL_B	172.20.1.41
55	Usthi_CCC-Behala_B	172.20.0.41
56	Upperkual_CCC-Ghatal_B	172.20.64.133
57	Uluberia_DO.DCC-Uluberia_B	172.20.7.193
58	Uluberia_CCC-Uluberia_B	172.20.8.5
59	Ula_Birnagar_CCC-Kalyani_B	172.21.51.145
60	Ukhra_CCC-Durgapur_B	172.21.49.25
61	Udaynarayanpur_CCC-Howrah-II_B	172.20.8.145
62	Tolafatak_CCC-Chandannagar_B	172.20.7.29
63	Thakurnagar_CCC-Bongaon_B	172.20.8.153
64	Tehatta_DO.DCC-Tehatta_B	172.21.51.193
65	Tehatta_CCC-Tehatta_B	172.21.49.153
66	Tegharia_CCC-Bidhannagar-II_B	172.20.7.181
67	Teesta_Bazar_CCC-Kalimpong_B	172.21.65.229
68	Tarakeswar_DO.DCC-Tarakeswar_CCC-Tarakeswar_B	172.20.9.185
69	Tamluk_DO.DCC.Tamluk_CCC.Purba_Midnapore_RO.Purba_Midnapore_RE_Office-Tamluk_B	172.20.64.245
70	Talukur_CCC-Barrackpore_B	172.20.7.121
71	Taldanga_CCC-Khatra_B	172.21.50.229
72	Taldah_CCC-Darjeeling_B	172.21.66.217
73	Swarupnagar_CCC-Basirhat_B	172.20.9.29
74	Swarupganj_CCC-Krishnanagar_B	172.21.51.165
75	Sutragarh_CCC-Krishnanagar_B	172.20.0.197
76	Suri_DO.DCC.Birbhum_RO-Suri_B	172.21.50.221
77	Suri_(West)_CCC-Suri_B	172.21.50.9
78	Suri_(East)_CCC-Suri_B	172.21.50.13
79	Sukhiapokhari_CCC-Darjeeling_B	172.21.66.221
80	Sujapur_CCC-South_Malda_B	172.21.66.17
81	Subhaspally_CCC-Siliguri_B	172.21.65.73
82	Subarnapur_CCC-Kalyani_B	172.21.52.13
83	South_Malda_DO.DCC-South_Malda_B	172.21.65.237
84	Sonarpur_CCC-Garia_B	172.20.7.201
85	Sonakhali_CCC-Ghatal_B	172.20.64.181
86	Sonada_CCC-Kurseong_B	172.21.66.225
87	Sodepur_CCC-Barrackpore_B	172.20.4.193
88	Stallunchi_CCC-Mathabhanga_B	172.21.65.105
89	Sital_CCC-Mathabhanga_B	172.21.65.209
90	Singur_DO.DCC.Singur_CCC-Singur_B	172.20.7.165
91	Simlapal_CCC-Khatra_B	172.21.49.89
92	Simlapal_CCC-Khatra_B	172.21.50.233
93	Siliguri_ZCC.Siliguri_DO.DCC.Power_House_CCC.Siliguri_Zone.Darjeeling_RO.Siliguri_RO_B	172.21.65.153
94	Siliguri_Town_CCC-Siliguri_B	172.21.64.253
95	Siliguri_Suburban_DO.DCC-Siliguri_Suburban_B	172.21.65.101
96	Shyamnagar_CCC-Naihati_B	172.20.10.225
97	Shibmandir_CCC-Siliguri_Suburban_B	172.21.64.81

98	Shamuktala_CCC-Ailpuduar_B	172.21.67.41
99	Serampore_DO.DCC-Serampore_B	172.20.7.169
100	Serampore_CCC-Serampore_B	172.20.7.5
101	Schooldanga_CCC-Bankura_B	172.21.49.209
102	Satgachia_CCC-Menari_B	172.21.50.177
103	Sarisha_CCC-Diamond_Harbour_B	172.20.8.229
104	Sargachi_CCC-Berhampore_B	172.21.48.105
105	Sarenga_CCC-Khatra_B	172.21.50.225
106	Santuri_CCC-Raghunathpur_B	172.21.51.205
107	Santregachhi_CCC-Howrah-1_B	172.20.7.45
108	Santipur_CCC-Krishnanagar_B	172.21.51.161
109	Sandeshkhali_CCC-Basirhat_B	172.20.9.25
110	Samudragarh_CCC-Kalna_B	172.21.49.13
111	Samsi_CCC-North_Malda_B	172.21.66.65
112	Satore_CCC-Raghunathpur_B	172.21.51.221
113	Satora_CCC-Bankura_B	172.21.49.169
114	Satboni_CCC-Midnapore_B	172.20.64.137
115	Satar_CCC-Kandi_B	172.21.51.45
116	Saktipur_CCC-Kandi_B	172.21.51.33
117	Sainthia_CCC-Rampurhat_B	172.21.49.225
118	Sahebganj_CCC-Coochbehar_B	172.21.66.81
119	Sagarighi_CCC-Raghunathganj_B	172.21.50.25
120	Sabong_CCC-Kharagpur_B	172.20.64.141
121	Rupnarayanpur_CCC-Assensol_B	172.21.49.65
122	Rishra_CCC-Serampore_B	172.20.9.89
123	Rajnagar_CCC-Berhampore_B	172.21.51.57
124	Raninagar_CCC-Domkal_B	172.21.49.149
125	Ranibandh_CCC-Khatra_B	172.21.50.29
126	Ranaghat_NS_CCC-Ranaghat_E_CCC-Kalyani_B	172.21.51.149
127	Rampurhat_DO.DCC-Rampurhat_B	172.21.51.101
128	Rampurhat_CCC-Rampurhat_B	172.21.49.221
129	Ramnagar_CCC-Baruipur_B	172.20.0.49
130	Ramjanpur_CCC-Ghatal_B	172.20.64.129
131	Rajpur_CCC-Garia_B	172.20.7.197
132	Rajnagar_CCC-Suri_B	172.21.51.13
133	Rajhati_CCC-Arambag_B	172.20.8.41
134	Rajbhat_CCC-Tarakeswar_B	172.20.9.157
135	Rajarhat_CCC-Bidhanagar_B_B	172.20.9.69
136	Raipur_CCC-Khatra_B	172.21.50.173
137	Raina_CCC-Burdwan_B	172.21.49.185
138	Raigunj_DO.DCC-Raigunj_RO-Raigunj_B	172.21.65.253
139	Raigunj_CCC-Raigunj_B	172.21.65.165
140	Rahara_CCC-Barrackpore_B	172.20.7.149
141	Raghunathpur_CCC-Raghunathpur_B	172.21.50.205
142	Raghunathganj_DO.DCC-Raghunathganj_B	172.21.51.201
143	Raghunathganj_CCC-Raghunathganj_B	172.21.51.77
144	Radhanagar_CCC-Bishnupur_B	172.21.50.117
145	Purulia_CCC-Purulia_B	172.21.50.93
146	Pursurah_CCC-Arambag_B	172.20.9.249
147	Purbasthali_CCC-Kalna_B	172.21.49.245
148	PuranBazar_CCC-Ailpuduar_B	172.21.65.145

149	Puncha_CCC-Raghunathpur_B	172.21.51.229
150	Pratapapur_CCC-Tamluk_B	172.20.65.161
151	Pradhannagar_CCC-Siliguri_B	172.21.64.221
152	Polba_CCC-Chandannagar_B	172.20.9.205
153	Pipulpati_CCC-Chandannagar_B	172.20.7.185
154	Pingla_CCC-Kharagpur_B	172.20.64.117
155	Pichhaboni_CCC-Contai_B	172.20.66.233
156	Phulbarihat_CCC-Jalpaiguri_B	172.20.18.21
157	Phansidewa_CCC-Siliguri_Suburban_B	172.21.64.249
158	Patrasayar_CCC-Bishnupur_B	172.21.50.253
159	Patpur_CCC-Bankura_B	172.21.49.45
160	Patiram_CCC-Dakshin_Dinajpur_B	172.21.66.89
161	Pathar_Pratima_CCC-Kalidwip_B	172.20.9.37
162	Patashpur_CCC-Egra_B	172.20.66.9
163	Panskura_CCC-Tamluk_B	172.20.64.213
164	Panula_CCC-Barrackpore_B	172.20.9.97
165	Pandua_CCC-Mogra_B	172.20.9.197
166	Pandobeswar_CCC-Durgapur_B	172.21.49.33
167	Pandpara_&_Nayabati_CCC-Jalpaiguri_B	172.21.65.161
168	Panchthupi_CCC-Kandi_B	172.21.50.189
169	Panchla_CCC-Uluberia_B	172.20.7.89
170	Panchdhar_Aroynagar_CCC-Tehatta_B	172.21.52.21
171	Penagarh_CCC-Durgapur_B	172.21.48.193
172	Palessey_CCC-Tehatta_B	172.21.48.17
173	Pailan_CCC-Behala_B	172.20.9.145
174	Oodlabari_CCC-Mal_B	172.21.64.225
175	Onda_CCC-Bishnupur_B	172.21.49.85
176	Old_Malda_CCC-South_Malda_B	172.21.66.25
177	Okhrabari_CCC-Coochbehar_B	172.20.103.21
178	North_Malda_DO_CCC-North_Malda_B	172.21.67.37
179	N.P._Gate_Bazar_CCC-Siliguri_B	172.21.65.49
180	Nimpura_CCC-Kharagpur_B	172.20.67.13
181	Newtown_ActionArea_II_CCC-NITESCL_B	172.20.16.113
182	New_Town_CCC-Coochbehar_B	172.21.65.181
183	New_Town_ActionArea_I_CCC-NITESCL_B	172.20.10.213
184	New_Barrackpore_CCC-Bidhannagar_II_B	172.20.7.105
185	Nazirpur_CCC-Tehatta_B	172.21.50.141
186	Nayagram_CCC-Kharagpur_B	172.20.67.9
187	Naxalbari_CCC-Siliguri_Suburban_B	172.21.65.41
188	Natunhat_CCC-Katwa_B	172.21.49.81
189	Nasibpur_CCC-Singur_B	172.20.10.229
190	Narayengarh_CCC-Kharagpur_B	172.20.64.93
191	Nandigram_CCC-Haldia_B	172.20.66.33
192	Nandakumar_CCC-Tamluk_B	172.20.64.113
193	Namkhana_CCC-Kalidwip_B	172.20.9.33
194	Nalkul_CCC-Singur_B	172.20.9.173
195	Naihati_CCC-Rampurhat_B	172.21.49.217
196	Naihati_DO-Naihati_B	172.20.7.41
197	Naihati_DO_Kakinara_CCC-Naihati_B	172.20.9.105
198	Naihati_CCC-Naihati_B	172.20.5.229
199	Nagrakata_CCC-Mal_B	172.21.64.189

200	Nagarukhra CCC-Kalyani_B	172.21.54.153
201	Nabagram CCC-Serampore_B	172.20.8.9
202	Nabadwip CCC-Krishnanagar_B	172.21.51.113
203	Murshidabad Municipal Town CCC-Iliganj_B	172.21.51.73
204	Murari CCC-Rampurhat_B	172.21.50.245
205	Muragacha Dharmada CCC-Tehatta_B	172.21.52.237
206	Muragacha CCC-Barrackpore_B	172.20.7.117
207	Murshihat CCC-Howrah-II_B	172.20.8.149
208	Mugholtuli CCC-Chandannagar_B	172.20.7.189
209	Moyna CCC-Tamluk_B	172.20.64.177
210	Monteswar CCC-Kalna_B	172.21.49.193
211	Mollarpur CCC-Rampurhat_B	172.21.48.229
212	Mokdampur CCC-South Malda_B	172.21.66.33
213	Moltrabagan CCC-Basirhat_B	172.20.9.21
214	Mohanpur CCC-Kharagpur_B	172.20.54.209
215	Mograhat CCC-Baruipur_B	172.20.8.213
216	Mogra DO.DCC-Mogra_B	172.20.7.153
217	Mogra CCC-Mogra_B	172.20.7.157
218	Mirik CCC-Kurseong_B	172.21.65.77
219	Milanpally CCC-Siliguri_B	172.21.65.53
220	Midnapore Zone Paschim Midnapore RD Midnapore DO.DCC.CCC_B	172.20.66.241
221	Mitali CCC-Mai_B	172.21.66.57
222	Memari DO.DCC-Memari_B	172.21.49.105
223	Memari CCC-Memari_B	172.21.49.101
224	Mejia CCC-Bankura_B	172.21.50.213
225	Mecheda CCC-I-Tamluk_B	172.20.65.253
226	Mid. Bazar CCC-Suri_B	172.21.49.1
227	Mayureswar CCC-Rampurhat_B	172.21.50.5
228	Matigara CCC-Siliguri Suburban_B	172.21.65.201
229	Matlary CCC-Tehatta_B	172.21.51.189
230	Mathurapur CCC-South Malda_B	172.21.66.49
231	Mathurapur CCC-Baruipur_B	172.20.8.249
232	Mathabhanga DO.DCC-Mathabhanga_B	172.21.1.101
233	Matangini CCC-Tamluk_B	172.20.64.161
234	Maskalibari & Ukilpara CCC-Jalpaiguri_B	172.21.64.229
235	Masat CCC-Tarakeswar_B	172.20.9.153
236	Marikda CCC-Contai_B	172.20.66.237
237	Margram CCC-Rampurhat_B	172.21.50.249
238	Manikpara CCC-Jhargram_B	172.20.64.109
239	Manbazar CCC-Raghunathpur_B	172.21.51.241
240	Malda RD_B	172.21.66.13
241	Malatipur CCC-North Malda_B	172.21.66.149
242	Malancha CCC-Kharagpur_B	172.20.64.37
243	Mai DO.DCC-Mai_B	172.21.67.1
244	Mai CCC-Mai_B	172.21.65.25
245	Mahishadal CCC-Haldia_B	172.20.65.241
246	Mahinagar CCC-Baruipur_B	172.20.7.57
247	Madpur CCC-Kharagpur_B	172.20.65.17
248	Madhyamgram CCC-Barasat_B	172.20.7.125
249	Madhakhal CCC-Contai_B	172.20.66.133
250	Madhabdih CCC-Burdwan_B	172.21.53.169