



Circular No.: MCX/TECH/342/2008

October 25, 2008

Upgradation of MCX Leased Line Network

In terms of provisions of the Rules, Bye-Laws and Business Rules of the Exchange and in continuation to Exchange circular no. MCX/TECH/235/2008 dated July 8, 2008, Members of the Exchange are notified as under:

Members are currently using nation-Wide Leased Line network using Multi Protocol Label Switching (MPLS) based VPN solution from BSNL and point to Point leased circuits from MTNL (for Mumbai and Navi Mumbai) for connecting to Exchange trading system.

As part of our continuous endeavor to enhance performance and response time Exchange is in the process of upgrading its technology. This technology upgradation together with the ongoing increase in transaction load, would necessitate an increase in the bandwidth requirement for trading. After the above mentioned technology upgradation members who have leased circuits with higher bandwidth would get better performance and response time compared to those members who have 64 Kbps leased circuits.

In order to avail better performance, Members who are currently using leased circuits with 64 Kbps bandwidth are strongly recommended to upgrade their leased circuits bandwidth to 256 Kbps at the earliest.

Application procedure

Members desirous for upgradation of leased circuit are requested to submit duly signed application form as per Annexure I to MCX membership department.

Application for upgradation / New Circuit for MPLS (BSNL) and MTNL point to point Leased circuits will be processed by the exchange as per the existing procedure. Members desirous of having point to point leased circuits from service providers other than MTNL are required to apply for the same directly to the respective service provider after obtaining an NOC for the same from the exchange.

Hardware requirement

Hardware requirements for 256 Kbps Leased Circuits are attached as per Annexure – II. For router configuration support, members are requested to contact MCX Systems & Networking department on phone number 022-66494000 extension 4068 and 4174.

Charges for 256 kbps leased circuits.

- The charges for 256 Kbps MPLS (BSNL) Silver scheme connectivity are mentioned below. Members are request to send DD in favour of “AO (F&A) BSNL MUMBAI “ payable at Mumbai along with duly filled application form.

Bandwidth	Annual Charges Rs.	One Time Installation Charges	*Service tax + Educational Cess	Total
256 Kbps (BSNL Circle)	1,24,343	1000	12.36%	1,40,835
256 Kbps (MTNL Circle)	1,24,343	4000	12.36%	1,44,206

* Current charges

Note:-

- Local Lead (LL) and Media Charges (MC) are extra as per actuals, for locations where BSNL MPLS Point of presence (POP) is not present. Applicable LL and MC will be included in the Annual charges.
 - Locations where MLLN is available, BSNL will provide modems. Locations where MLLN is not available, member has to provide modems.
 - If modems are provided by the Member, BSNL will adjust the credit of Rs.3500/- in the subsequent bill.
 - The amount of tax will vary depending upon applicable taxation rules.
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- The charges for 256 kbps point to point leased circuit will be as per the tariff of the respective service provider.
 - Members applying for point to point leased circuits to service providers other than MTNL should make the payment directly.

P.P. Kaladharan
Chief Technology Officer

Encl: As above

Kindly contact Customer Service Team on 022 - 6649 4040 or send an email at customersupport@mcxindia.com for further clarification.

----- Corporate office -----
Multi Commodity Exchange of India Limited
Exchange Square, CTS No. 255, Suren Road, Chakala, Andheri (East), Mumbai – 400 093
Tel.: 022 – 6649 4000 Fax: 022 – 6649 4151
www.mcxindia.com email: customersupport@mcxindia.com

On company's letterhead

Date:

To

The Membership Department
Multi Commodity Exchange of India Ltd
Exchange Square,
CTS No. 255,
Suren Road, Andheri East
Mumbai - 400093

Dear Sir,

Sub: Application for Upgradation/ New leased circuits

This has reference to your circular no. dated..... for the purpose of upgradation/ New leased line. We would like to apply for the below mention option.

? Upgradation from 64 Kbps to 256Kbps Lease circuits.

- Circuit Number of existing MTNL leased circuit

- Advice Note Number of existing BSNL MPLS leased circuit

? New 256 Kbps Leased Circuit

- For BSNL MPLS Leased Circuit please find the Demand Draft Number.

- For Point to point leased circuit please find the service provider's name.

For Installation of leased circuits please find the address as mentioned below.

Name of Trading Member:

Installation Address:

City & Pin code:

District:

State:

Contact Person at site:

Site phone No with STD code:

Fax No. :

We agree to the terms and condition for upgradation / New leased circuit.

Thanking you.

Yours faithfully

For

(Name and signature of the authorized signatory)

Company Stamp

On company's letterhead

Undertaking

I/we _____ do hereby undertake the following:

1. I/We agree that the circuit will be used purely for the purpose of trading on MCX only.
2. I/We agree that this circuit will not be interconnected to any of the Leased Line/ Data Circuit/ Network/ PSTN/EPABX etc of any other service providers which is not permitted by the terms and conditions of Telegraph Authority. I/We further agree to extend facility to the Telegraph authority in order to enable monitoring of the purpose, performance and operation of the circuit, as and when required.
3. I/we hereby agree to abide by the provisions of Indian Telegraph Rules in force and as modified from time to time and such other terms and conditions prescribed by the telegraph Authority.
4. I/We agree that necessary charges for registration/installation/Advance annual rental/Arrears, if any will be paid to the controlling/billing authority of service provider & MCX, as and when we receive demand note/advice from service provider/MCX and when such charges become due.
5. I/We agree that I/We shall pay the cancellation charges and other expenses incurred to establish the circuit as requested by me/us that may become payable, in the event of cancellation of the application/closure of the circuit at a later date.
6. I/We do hereby agree to indemnify the Govt. of India/ DOT/ service provider and keep them indemnified against any loss damage claim, cost, charges, expenditure incurred by or made against them in respect of loss of rent/ call charges, violation of C.U.G. norms due to misuse of the circuit or otherwise whatsoever in the matter.
7. In case service provider provides us modems, it will be our responsibility to maintain the same safely. Incase of any physical damage or theft we will bear the charges specified by service provider.

Stamp & Signature of the Authorized Signatory

Date:

Place:

Router Hardware Details

- One CISCO 1800 series modular router per leased circuit along with 2 WAN slot, 32 MB flash memory & 64 bits DRAM.

- Interfaces: 2-port serial WAN interface card.

- Cables: Two numbers of V.35 cable, DTE Male to smart serial – 10 feet

- IOS version: CISCO 1841 IP base IOS, Version 12.3 or above.

LAN infrastructure

- Switch/Hub: 8/12 port switch from leading manufacturers like Cisco, Nortel or 3Com

- LAN cabling: CAT 5 (structured cabling)

Modems (optional)

- For BSNL MPLS/ MTNL Point to Point connectivity, MLDN or MLLN type of (only select telephone exchanges have this facility) modems will be provided by MTNL/BSNL which will billed in the demand note/ Circuit bills by MTNL/BSNL.

- For Point to point leased circuits other than MTNL, members are requested to arrange for modems based on recommendation of respective service providers.