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## LEASED LINE ROUTER SPECIFICATION

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The member is requested to purchase the router from a hardware vendor. For this purpose the Exchange specifies the necessary infrastructure.

### **Necessary infrastructure:**

#### **Router configuration**

- ? Make & model: CISCO 1721 (10/100 T) modular router with 2 WAN slots, 16 MB flash memory & 32 MB DRAM.
- ? Interfaces: 1-port serial WAN interface card, 1 port ISDN BRI card.  
(Incase the local telephone exchange does not have ISDN facility, member has to go for one port Async card).
- ? Cables: V.35 cable, DTE Male to smart serial - 10 feet.
- ? IOS version: CISCO 1700 IOS IP Version 12.2 or above.

#### **LAN infrastructure**

- (a) Switch/Hub: 8/12 port switch from leading manufacturers like Cisco, Nortel or 3Com.
- (b) LAN cabling: CAT 5 (structured cabling).

#### **Modems (optional)**

For MLDN & MLLN type of links (only select telephone exchanges have this facility), the modem is provided by MTNL/BSNL which is billed in the demand note. Other wise member has to procure the following leased line modems:

- ? Make: RAD
- ? Model number: ASM 20 or ASM 31 (depend on Telephone Exchange requirement)
- ? Interfaces: V.35

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**UNDERTAKING FOR BSNL LEASEDLINE**

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I/we .....do hereby undertake the following:

1. I/We agree that the circuit will be used purely for MCX trading purpose 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 BSNL or any other service providers, which is not permitted by the rules of Telegraph Authority/BSNL. I/We further agree to extend facility to the Telegraph authority/BSNL 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/BSNL.
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 BSNL & MCX, as and when we receive demand note/ advice from BSNL/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/ BSNL 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 BSNL provides us MLLN 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 BSNL.

**Signature**.....

**Signature**.....

**Rubber Stamp**.....

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**APPLICATION FOR LEASED LINE CONNECTIVITY**

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Date: To

The Membership Department Multi Commodity Exchange of  
India Ltd. 102-A, Landmark, Suren Road, Chakala, Andheri  
(East), Mumbai - 400 093

Dear Sir,

**Sub: Application for leased circuit.**

This has reference to your circular no. ....Dated .....for the  
leased line connectivity for MCX trading. We would like to apply for the same.

We are furnishing hereunder the details of the locations, contact persons and site telephone numbers etc.  
where the circuits have to be terminated.

Name of Trading Member:	
Membership ID	
Address of the member where the circuit will be terminated	
City & Pin code:	
Contact Person at site (Mobile No.):	
Site phone No (BSNL) with STD code:	
Fax No.:	
Billing address of the member:	

Thanking you.

Yours Faithfully,

Signature.....

Rubber Stamp

**BSNL LEASED LINE**

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Cables: V.35 cable, DTE Male to smart serial - 10 feet

IOS version: CISCO 1700 IOS IP Version 12.2 or above

#### **LAN infrastructure**

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

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#### **Modems (optional)**

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Make: RAD

Model number: ASM 20 or ASM 31 (depend on Telephone Exchange requirement)

Interfaces: V.35

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**LEASED LINE UNDERTAKING**

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2. I/We agree that this circuit will not be interconnected to any of the Leased Line/ Data Circuit/ Network/ PSTN/EPABX etc of MTNL or any other serviceproviders, which is not permitted by the rules of Telegraph Authority/MTNL. I/We further agree to extend facility to the Telegraph authority/MTNL 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/MTNL.
  
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 MTNL & MCX, as and when we receive demand note/advice from MTNL/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/ MTNL 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 MTNL provides us MLLN modems, it will be our responsibility to maintain the same safely. In case of any physical damage or theft we will bear the charges specified by MTNL.

**Signature .....**

**Signature.....**

**RUBBER STAMP:**

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**APPLICATION FOR LEASED LINE CONNECTIVITY**

To

The Membership Department

**Multi Commodity Exchange of India Ltd.**

102-A, Landmark, Suren Road,

Chakala, Andheri (East),

Mumbai - 400 093

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This has reference to your circular no.....Dated.....for the leased line connectivity for MCX trading. We would like to apply for the same. We are furnishing hereunder the details of the locations, contact persons and site telephone numbers etc. where the circuits have to be terminated.

Name of Trading Member:	
Membership ID	
Address of the member where the circuit will be terminated	
City & Pin code:	
Contact Person at site (Mobile No.):	
Site phone No (MTNL) with STD code:	
Fax No.:	
Billing address of the member:	

Thanking you,

Yours Faithfully

Signature.....

Rubber Stamp.....:

**MTNL LEASED LINE**