Metropolitan Stock Exchange of India Limited

Department : Market Operations – CTCL	Segment : All
Circular No.: MSE/CTCL/5777/2017	November 20, 2017

Amendment to Circular 1787 – Testing of software used in or related to Trading and Risk Management

To All Members,

As a part of Exchange's constant efforts to provide value to market participants and on the basis of feedback received from market participants, the Exchange has decided to revise the POP connectivity to MPLS and timings for ISVs, ISVOI and In-House Members (members who are desirous of developing In-House CTCL software or developing / procuring CTCL software from non-empanelled vendor).

Members may please note that the POP connectivity is been migrated to MPLS (Multi-Protocol Label Switching) for ISVs, ISVOIs and In-House Members for each segment. In view of the above, **Point No.6 (Test Environment Facility)** of circular no. MCX-SX/CTCL/1787/2014 dated February 25, 2014 on Testing of software used in or related to Trading and Risk Management is being amended as follows:

1. Para.6.2 shall read as follows:

   ISVs/ISVOIs/Members can opt for Leased Line (MPLS) for connecting to Exchange provided CTCL test environment. Interested ISVs/ISVOIs/Members can apply to the Exchange by submitting an application (**Annexure 34** of circular: MSEI/CTCL/3926/2016 dated 4th March 2016) [format of Annexure 34 is attached herewith].

2. Para 6.3 shall read as follows:

   6.3.1 **Leased Line (MPLS) connectivity:**
      a) Leased Line (MPLS) Connectivity
      b) Cisco router – minimum 1900 or above series

3. Para 6.4 shall read as follows:

   6.4 **Timing for MSE CTCL Test Environment**

Connectivity	CTCL Test Environment Timing	Support Timing
ISDN*/Internet*	09:00 AM to 09:00 PM	09:30 AM to 05:30 PM
Leased Line (MPLS)* (With Production access)	09:00 AM to 09:00 PM	09:30 AM to 05:30 PM
Leased Line (MPLS)* (Without Production access)	09:00 AM to 09:00 PM	09:30 AM to 05:30 PM

* CTCL Test Environment will not be available on Trading Holidays and on Mock trading days

In case of general queries kindly contact Customer Service on 022 – 61129010 or send an email to customerservice@msei.in For any clarifications on circular, kindly contact undersigned on 022 – 61129000 (9016) or send an email at ctcl@msei.in.

For and on behalf of
Metropolitan Stock Exchange of India Limited

Sanju Padmanabhan
Manager - Market Operations (CTCL)

Application for the MSE CTCL Test Environment Facility
(To be provided on letterhead)

To
CTCL Department
Metropolitan Stock Exchange Limited
5th Floor, Vibgyor Towers,
Bandra-Kurla Complex,
Bandra (East),
Mumbai – 400 098.

I/We …………………………………………. (Name of ISV/ISVOI/Member) hereby apply for use of MSE CTCL Test Environment facility.

Sr. #	Particulars	Details
1.	Test Environment Required for Segment	☐ Equity/ Capital Market ☐ Equity Derivatives/Futures & Options ☐ Currency Derivatives
2.	API Connectivity Details	☐ Non FIX API ☐ FIX API
3.	Purpose for Test Environment	☐ Software development ☐ Testing of 'CTCL Facility' software of Empanelled ISV (Please provide details in Point No.4)
4.	a) Name of Empanelled ISV b) Name and Version No. of 'CTCL Facility' Software (Provide details if applying for Testing of 'CTCL Facility' software of Empanelled ISV else NOT APPLICABLE)	
5.	Exchange Connectivity Details • Connectivity (Leased Line(MPLS)/ISDN/ Internet) • Make of Router: • Router IP Address: • Computer IP Address: • Global IP Address for Internet: (Applicable only if connectivity is Internet)	
6.	Registered Office/ Correspondence address :	
7.	Telephone & Fax No.:	
8.	Name(s) & Designation of	

	Authorised Signatory:	
9.	Contact details (Phone, Fax, Email) of Authorised Signatory:	
10.	Correspondence Address of Authorised Signatory:	
11.	Address of the office from where CTCL Test Environment facility will be extended:	

I / We certify that all the statements are true and correct to the best of our knowledge. We are aware that in case any of the statements are found to be incorrect or false, we are liable for disciplinary action.

I / We understand that the Exchange reserves the right to modify or withdraw this facility.

For
(Name of the ISV/ISVOI/Member)

Authorised signatory
(Name and designation)

Date:
Place: