



| | |
|-------------------------------------------|-----------------------------|
| Department: Information Technology | Segment: All |
| Circular No: MSE/IT/17104/2025 | Date: April 30, 2025 |

Subject: Master circular for Technology

To All Members,

In terms of provisions of the Rules, Byelaws and Regulations of Metropolitan Stock Exchange of India Ltd. (Exchange), members of the Exchange are notified as under:

Exchange has been issuing various circulars from time to time for network connectivity. In order to provide users easy access to all applicable circulars at one place and also introduce new type of connectivity Master circular of connectivity is issued. This Master circular consolidates regulations /directions of all earlier circulars issued by Exchange from time to time and new directions applicable to Network Connectivity for members.

Members of the Exchange may access the On-line trading system through various modes of connectivity such as Multi-Protocol Label Switching (MPLS), Point to Point (P2P) and Internet. Members of the Exchange may choose the mode of connectivity and service providers best suited to their business needs and requirements.

Member would have following options to connect to MSE.

1. MPLS
2. Point to Point leased line
3. Internet
4. Colocation facility and Data-feed

Active Members of exchange can choose the mode of connectivity and service provider best suited for their business needs and requirements.

Charges for MPLS, P2P, COLO and cross connect and Internet applicable is enclosed with this circular.

For any clarifications, contact Customer Service on 022-61129000 or send email to customerservice@msei.in

For and on behalf of
Metropolitan Stock Exchange of India Limited

Isidorio Fernandes
CTO-Technology

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
 Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

| | | |
|-------|---------------------------------------------------------------------------------------------|-----------|
| 1 | <u>Various modes of Connectivity</u> | <u>4</u> |
| 1.1 | <u>MPLS Leased Line.....</u> | <u>4</u> |
| 1.1.1 | <u>Avail MPLS leased line through Exchange.....</u> | <u>4</u> |
| 1.2 | <u>Point to Point Leased Line.....</u> | <u>4</u> |
| 1.2.1 | <u>Option 1 – Avail Point-to-Point leased line through Exchange</u> | <u>4</u> |
| 1.2.2 | <u>Option 2 – Avail Point-to-Point leased line directly from Service Provider</u> | <u>5</u> |
| 1.3 | <u>Internet</u> | <u>5</u> |
| 2 | <u>Network Connectivity Procedure - For Point to Point and MPLS Leased Line</u> | <u>5</u> |
| 2.1 | <u>Application and Feasibility</u> | <u>5</u> |
| 2.1.1 | <u>Option 1 Avail Point-to-Point / MPLS leased line through Exchange</u> | <u>5</u> |
| 2.1.2 | <u>Option 2 Avail Point-to-Point / MPLS leased line directly from Service Provider.....</u> | <u>5</u> |
| 2.2 | <u>Commercials for Point to Point Leased Line.....</u> | <u>5</u> |
| 2.2.1 | <u>Option 1 Avail Point to Point Leased Line through Exchange</u> | <u>5</u> |
| 2.2.2 | <u>Option -2 Last mile charges for Private Point to Point Leased Line</u> | <u>6</u> |
| 2.2.3 | <u>Cross connect and Internet charges at IDC</u> | <u>6</u> |
| 2.3 | <u>Commercials for MPLS Leased Line</u> | <u>7</u> |
| 2.4 | <u>Upgrading Leased line connectivity.....</u> | <u>7</u> |
| 2.5 | <u>Shifting of Leased line connectivity.....</u> | <u>7</u> |
| 2.5.1 | <u>Commercials and criteria for shifting of Leased Line</u> | <u>8</u> |
| 2.6 | <u>Surrendering of Leased line connectivity</u> | <u>8</u> |
| 3 | <u>SSL VPN for Internet connectivity.....</u> | <u>9</u> |
| 4 | <u>Colocation Facility.....</u> | <u>9</u> |
| 4.1. | <u>Data feed.....</u> | <u>9</u> |
| 5 | <u>Annexures</u> | <u>10</u> |
| 5.1 | <u>Network Connectivity Forms.....</u> | <u>10</u> |
| 5.2 | <u>Network Connectivity Undertaking-Leased Line</u> | <u>13</u> |
| 5.3 | <u>Dual Mapping Form.....</u> | <u>16</u> |
| 5.4 | <u>List of revised charges for services offered for COLO.....</u> | <u>17</u> |
| 5.5 | <u>Application form for Colocation.....</u> | <u>18</u> |
| 5.6 | <u>Renewal form for Colocation.....</u> | <u>19</u> |
| 5.7 | <u>Colocation Datacenter acceptable usage policy.....</u> | <u>20</u> |
| 5.8 | <u>NEFT details.....</u> | <u>22</u> |
| 5.9 | <u>Technical support contact details of service provider</u> | <u>22</u> |

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
 Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

| | | |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------|----|
| 5.10 | <u>Checklist for Applications to MSE.....</u> | 22 |
| 6.0 | <u>Infosec.....</u> | 23 |
| 6.1 | <u>Framework for Adoption of Cloud Services by SEBI Regulated Entities (REs).....</u> | 23 |
| 6.2 | <u>Revised List of Specified Members for the Framework on Technical Glitches.....</u> | 23 |
| 6.3 | <u>Addendum to Framework to address the 'technical glitches' in Member's Electronic Trading Systems.....</u> | 24 |
| 6.4 | <u>CYBER SECURITY ALERT: EVENTS OF NATIONAL IMPORTANCE.....</u> | 24 |
| 6.5 | <u>Master circular for Technology</u> | |
| 6.5.1 | Quarterly Cyber Incident reporting of Cyber Security & Cyber Resilience framework for Stockbrokers..... | 25 |
| 6.5.2 | Quarterly Cyber Incident reporting of Cyber Security & Cyber Resilience framework for Stockbrokers..... | 25 |
| 6.5.3 | Quarterly Cyber Incident reporting of Cyber Security & Cyber Resilience framework for Stockbrokers..... | 25 |
| 6.5.4 | Circular for Cybersecurity and Cyber Resilience Framework (CSCRF)..... | 26 |
| 6.5.5 | Standard Operating Procedure (SOP) for handling Cyber Security Incidents..... | 26 |
| 6.5.6 | Clarifications to Cybersecurity and Cyber Resilience Framework (CSCRF) for SEBI Regulated Entities(REs)..... | 27 |
| 6.5.7 | Quarterly Cyber Incident reporting of Cyber Security & Cyber Resilience framework for Stockbrokers`..... | 27 |
| 6.5.8 | Revised Guidelines for Capacity Planning and Real Time Performance Monitoring framework of Market Infrastructure Institutions (MIIs)..... | 27 |
| 6.5.9 | Policy for Sharing Data for the Purpose of Research / Analysis..... | 28 |
| 6.5.10 | Advisory for Financial Sector Organizations Software as a Service(SaaS) based solutions(Half yearly from October 2024 to March 2025)..... | 28 |
| 6.5.11 | Framework for Monitoring and Supervision of System Audit of Stock Brokers (SBs) through Technology based Measures..... | 28 |
| 7.0 | <u>Business Continuity for Clearing Corporations through Software as a Service (SaaS) Model</u> | 28 |

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
 Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

Contents

1. Various modes of Connectivity

MSE technology infrastructure is the foundation of our business and a key factor in the Exchange's development. The Exchange's online trading platform is accessible to members through our Trader Workstation or Computer-to-Computer link ("CTCL") using multiple connectivity media including, Leased lines – Point to Point, MPLS, and Internet.

The Exchange remains neutral with respect to selection of Service Provider. Wherever, Member wishes to apply through Exchange, the same shall be provided on best effort basis; in few cases, Service provider may not be able to provide connectivity as their infrastructure may not be feasible at customer premises or there could be techno-commercial reason.

Members of the Exchange may choose any mode of connectivity and service provider(s) suitable to their business needs and requirements and make application(s) to the Exchange.

The Exchange strongly recommends that Members are required to avail connectivity from two different service providers for better uptime of connectivity & Business Continuity. Following Network Connectivity is introduced by the Exchange and Member can choose the connectivity as per their business requirements:

1.1. MPLS Leased Line

MPLS (Multi-Protocol Label Switching) is a mechanism used in high-performance telecommunications network that directs data from one network to the next based on shortest path labels rather than long network addresses. MPLS can provide secure, cost effective, scalable and managed end-to-end network connectivity. The Exchange allows MPLS Leased Line connectivity upto 10 Mbps, i.e. (2/10Mbps). Members can avail MPLS leased line facility by submitting application for availing connectivity through Exchange.

1.1.1. Avail MPLS leased line through Exchange

| Bandwidth | Available service providers |
|-----------|-----------------------------|
| 2 Mbps | Airtel and TCL |
| 10 Mbps | Airtel and TCL |

1.2. Point to Point Leased Line

Point-to-Point connection refers to a communication between two nodes or endpoints. The Exchange allows Point-to-Point Leased Line connectivity upto 10 Mbps, i.e. (2/10 Mbps). Member's can avail Point to Point leased line facility by submitting application for availing connectivity either through Exchange or by applying direct to respective Service Provider. Members may please note that conversion of connectivity from Exchange & direct to service provider or vice versa is not permitted.

1.2.1. Option 1: Availing Point to point services through Exchange

| Bandwidth | Available service provider |
|-----------|----------------------------|
| 2 Mbps | Airtel, TCL |
| 10 Mbps | Airtel, TCL |

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

1.2.2. Option 2 – Avail Point-to-Point leased line directly from Service Provider to Colocation

| Bandwidth | Application direct to Service Provider |
|----------------|----------------------------------------|
| 2 Mbps | Airtel, TCL |
| 10/20/30/40/45 | Airtel, TCL, Tikona Infonet, Microscan |

1.3. Internet

Internet is the global system of interconnected computer networks; Member can avail the Internet connectivity directly from the respective Service Provider. The Exchange has introduced 2 Factors Authentication SSL-VPN (secure socket layer) for users trading over Internet as per circular MSE/IT/14947/2024.

2. Network connectivity procedure for Point to point and MPLS leased line.

2.1 Application and Feasibility

2.1.1 Option 1 Avail Point-to-Point / MPLS leased line through Exchange

Members desirous of availing facility of 2/10 Mbps Point to Point and MPLS Leased Line connectivity through Exchange is required to send feasibility request over email to technology@msei.in as per Connectivity Form.

On receipt of the said e-mail, Exchange shall process feasibility of the location from the service provider/s as per the choice indicated by the member. Thereafter feasibility details will be intimated to the member through email for obtaining confirmation to process further. Validity of the feasibility declared by the respective service provider is 15 days, thereafter member is required to do re-feasibility. After receipt of the feasibility details from the Exchange, members are required to submit duly filled and signed undertaking as per Network Connectivity Undertaking-Leased Line to the Membership department.

2.1.2 Option 2 Avail Point-to-Point leased line directly from Service Provider

Members desirous of availing connectivity directly from the Service Provider, need to submit the application over email to technology@msei.in for obtaining No Objection Certificate (NOC) from the Exchange. While applying directly to the service provider member is required to submit the undertaking as per Network Connectivity Undertaking-Leased Line.

2.2 Commercials for Point to Point Leased Line

2.2.1 Option 1 Avail Point to Point Leased Line through Exchange

Charges to service Provider

| Charges type | Bandwidth | Airtel/TCL |
|---------------------------------------|---------------|-------------|
| One Time charges (OTC) in INR | 2 Mbps | At actuals |
| Annual Recurring Charges (ARC) in INR | 2 Mbps | At actuals |
| Charges type | Bandwidth | Airtel /TCL |
| One Time charges (OTC) in INR | 10/20/30 Mbps | At actuals |
| Annual Recurring Charges (ARC) in INR | 10/20/30 Mbps | At actuals |

Note: The above links procurement applicable for Mumbai region only.

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

The applicable charges are exclusive of any government taxes, duties and levies and the same are to be paid **extra** by members.

Payment Terms: For the first financial year, the annual charges are to be paid in advance for the first year from the date of leased line commissioning. For the second financial year, the annual charges shall be calculated on a pro-rata basis from completion of first year till March 31st. For the third financial year and their onwards, the annual charges shall be payable in advance.

2.2.2 Option -2 Last mile charges for Private Point to Point Leased Line

Member is required to pay last mile charges (OTC and ARC) directly to service provider in case the point to point leased line is obtained directly from service provider.

2.2.3 Cross connect charges and Internet at IDC(applicable for Option 1 and option 2)

| Charges TYPE | Bandwidth | Airtel | TCL |
|--------------------------------------|----------------------|------------|------------|
| Internet from TCL at STT DC(INR)-OTC | 2 Mbps | NA | At actuals |
| Internet from TCL at STT DC(INR) ARC | | NA | At actuals |
| Cross connect at STT IDC(INR)* OTC | 2 Mbps | 15,000 | 15,000 |
| | 10/20/30/45/100 Mbps | At actuals | At actuals |
| Cross connect at STT IDC(INR)* ARC | 2 Mbps | 20,000 | 20,000 |
| | 10/20/30/45/100 Mbps | At actuals | At actuals |

The above-mentioned charges are exclusive of any government taxes, duties and levies and the same are to be paid extra by members. Cross connect charges are Non-Refundable.

***All Fiber cross connects charges applicable are at actuals as per Service providers from date of commission.**

Copper Cross Connect charges applicable for the P2P links at Colocation commissioned after 1 April 2019.

Payment Terms: Payment Terms: For the first financial year, the annual charges are to be paid in advance for the first year from the date of leased line commissioning. For the second financial year, the annual charges shall be calculated on a pro-rata basis from completion of first year till March 31st. For the third financial year and their onwards, the annual charges shall be payable in advance.

Member is required to pay One Time charges and Annual Recurring Charges (ARC) for one year in full plus applicable taxes by way:

- Cheque/Demand draft in the name of “Metropolitan Stock Exchange of India Ltd.”
- Or member can pay charges through NEFT as per point 5.8

Early Surrender Charges (ESC):

- There is a minimum Contract tenure of one year i.e. lock in period shall commence from the date of commissioning.
- If the member opts to surrender the connection within the lock in period, member shall require making the payment for remaining period of lock in period.
- In case the member opts to surrender the link after completion of lock in period, member will be required to give 90 Days' notice along with payment for the said link till notice period.

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

2.3 Commercials for MPLS Leased Line

| Charges type | Bandwidth | Amount (INR) TCL | Amount (INR) Airtel |
|---------------------------------------------------------------------|-----------|---------------------|------------------------|
| One Time charges (OTC) in INR | 2 Mbps | 12,500 | 12,500 |
| Bandwidth and Router (CPE) Rental Annual Recurring Charges-(ARC) | 2 Mbps | 95,000 | 96,000 |

***Charges for 10 Mbps MPLS will be shared post feasibility.**

Payment Terms:

For the first financial year, the annual charges are to be paid in advance for the first year from the date of leased line commissioning.

For the second financial year, the annual charges shall be calculated on a pro-rata basis from completion of first year till March 31st.

For the third financial year and their onwards, the annual charges shall be payable in advance.

Member is required to pay One Time charges and Annual Recurring Charges (ARC) for one year in full plus applicable taxes by way of:

- Cheque/Demand draft in the name of “Metropolitan Stock Exchange of India Ltd.”
- Or member can pay charges through NEFT as per point 5.8

2.4 Upgrading Leased line connectivity

Members desirous of upgrading Leased line connectivity obtained from Exchange, are required to submit duly signed application as per the Connectivity Form to Membership department. The charges for upgrading the leased line would be charged on pro-rata basis as per the charges confirmed by service provider. On receipt of the demand note / invoice from the respective service provider, Exchange would inform member about the additional charges applicable for the upgrade. If the Upgradation of leased line connectivity is not feasible at the location, the same will be intimated to the member through email.

In case of connectivity taken directly from the service provider, Member needs to inform Exchange regarding upgrading of the connectivity through email technology@msei.in for record and user ID mapping.

2.5 Shifting of Leased line connectivity

Members desirous of shifting MPLS or Point to Point leased line connectivity are required to e-mail the new location details to technology@msei.in as per Connectivity Form. If the shifting of leased line connectivity is feasible at new location, the same will be intimated to the member. Thereafter members should submit duly signed application as per the Network Connectivity Form to MSE membership department. Shifting charges will be debited after completion of shifting of the connectivity from the settlement account of their respective Clearing Member based on Network Connectivity Form submitted by Member to the Exchange.

Metropolitan Stock Exchange of India Limited

2.5.1 Commercials and criteria for shifting of Leased Line

| Type of connectivity | Service provider | Location | Shifting charges(INR) |
|-----------------------|------------------|--------------------------------------------------------------------------|-----------------------|
| MPLS & Point to Point | Airtel/TCL | Allowed only within city and subject to feasibility of the new location. | 15,000 |

The above mentioned charges are exclusive of any government taxes, duties and levies and the same are to be paid extra by members.

Payment terms:

- In case of Point to Point leased line connectivity directly applied to service provider then Member needs to inform Exchange for change of Installation address via email technology@msei.in for record.
- Cheque/Demand draft in the name of “Metropolitan Stock Exchange of India Ltd.”
- Or member can pay charges through NEFT as per point 5.8

2.6 Surrendering of Leased line connectivity

- Members desirous of surrendering network connectivity are required to submit duly signed application as per the Connectivity Form to MSE membership department.
- Minimum contract tenure of 1 years is applicable. Lock-in period shall commence from the date of link commissioning.
- If the member opts to surrender the connection within the lock-in period, member shall be required to make the payment for remaining lock-in period as per service provider’s invoice.
- In case the member opts to surrender the link after completion of lock-in period, member shall require giving 3 Months’ notice along with payment for the said link for the notice period
- The applicable refund amount will be credited to member’s settlement account as and when the same is received by the Exchange from the respective service provider.
- Members are requested to note that, cross connect charges will not be refunded with respect to financial year for which the same have been recovered, even if the leased lines/cross connects are surrendered/cancelled prior to end of such financial year.

The Exchange shall process the application on receipt of complete documents as prescribed and after verifying for the dues if any and related compliance formalities.

Important Note:

- Members who are using only Point to point Leased circuit(s) to connect to the primary site of the Exchange are advised to have alternate mode of backup network connectivity either MPLS leased line or Internet to ensure that they are able to connect to DR site of the Exchange to participate in Mock Trading or live trading from DR site.
- It is recommended that Members are required to avail connectivity from two different service providers for redundancy and uptime of network connectivity & business continuity.
- Network feasibility at member’s location is at the discretion of the service provider chosen by the member.
- Network latency may vary depending upon the mode of connectivity and the geographical distance between Member’s trading location and the Exchange.

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

- e) Exchange has always put best efforts to deliver any network connectivity at the earliest. However considering dependency on service provider, turnaround time for feasibility check is 1 week, for application process and payments if applicable is 1 week and connectivity delivery is 6 weeks.
- f) Upon surrendering the network connectivity, members are required to return back all applicable network termination equipment owned by the service provider to ensure no commercial implications.

3. Two- factor SSL VPN for Internet connectivity

Member to request for SSL user ID as per the annexure 5.3 **Dual Mapping Form** for enabling TWS user ID over SSL VPN.

4. Colocation Facility :

Members are hereby informed that, the Exchange has revised the Co-Location charges with immediate effect. Accordingly, the revised documentation for members opting for Co-Location facility is as follows:

- a) Members may take full / half rack space / 10U Rack space based on the requirement. The list of revised charges for availing COLO facility for Full rack and Half Rack is enclosed. In view of limited availability, rack space will be allotted on first come first basis based on the receipt of complete application along with the payment.
- b) Interested members shall apply to the Exchange in the format specified in **Annexure-** for availing COLO facility along with the requisite payment by way of cheque / demand draft drawn in favour of Metropolitan Stock Exchange of India Limited payable at Mumbai.
- c) Members are requested to note that, Annual Rack and other charges for COLO facility paid along with application are for a period of 12 months from the date of allotment of rack(s). The minimum period for which the racks are allotted will be one year and any renewal would require an advance notice of 30 days.
- d) For renewal, member shall apply as per format specified in **Annexure-**along with the requisite payment. The renewal application form along with the payment needs to reach the Exchange before the expiry of the allotted period of one year.
- e) Due to security reasons, physical access to COLO data center shall be as per the Data Centre Usage Policy.

4.1 Data feed: Data feed customers have separate connectivity form and charging mechanism. For more details, please write to datafeed@msei.in

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

5 Annexures

5.1 Connectivity Form for Lease line

On company's letterhead

Date:

To

The Membership Department

Metropolitan Stock Exchange of India Limited.

Building A, Unit 205A, 2nd Floor, Piramal Agastya Corporate Park,

L.B.S Road, Kurla West, Mumbai - 400 070

Member Name:

Member ID:

| |
|--------------------------------|
| Connectivity preference |
|--------------------------------|

MPLS

☐

Point to Point

☐

ss connect

☐

| APPLICATION TYPE | Tick v |
|-----------------------------------------------------------------------|--------|
| New Order* | |
| Shifting | |
| Upgradation | |
| Downgrade | |
| Surrender | |
| No Objection Certificate (NOC) for Private Point to Point Leased Line | |

Connectivity Form for Lease line

Dear Sir,

Sub: **Application for Connectivity**

We would like to apply for lease line connectivity as per details given below.

Contact details:

| Sr.No. | Name of Trading Member | |
|--------|-------------------------|--|
| 1 | Member ID | |
| 2 | Type of Office | |
| 3 | Installation Address*** | |
| 4 | City | |
| 5 | Pin Code | |
| 6 | Dist & State | |
| 7 | Contact person name | |

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.

Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

| | | |
|----|-------------------------------------------------------|--------|
| 8 | Contact Number (Landline) | |
| 9 | Contact Number (Cell Phone) | |
| 10 | Fax number | |
| 11 | E-mail ID | |
| 12 | Feasibility of the location checked with the Exchange | Yes/No |
| 13 | Circuit ID's **** | |

Scenario details:

| | | |
|---|------------------------------|--------|
| 1 | Connectivity Scenario | S1, S3 |
| 2 | Bandwidth | |
| 3 | First Service Provider | |
| 4 | service provider for back-up | |

*** In case of shifting please mention new address.

**** Mandatory for shifting / upgrade / downgrade/ surrender application.

We hereby confirm that the installation address mentioned above is (please tick the option as applicable)

- ☐ Registered Office Address of the Member
- ☐ Branch Office address of the Member
- ☐ Address of our Registered Authorized Person (AP) with the Exchange
- ☐ Third Party Datacenter

Thanking you.

Yours faithfully

For (Name and signature of the authorized signatory with Company seal)

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
 Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

Terms and Conditions:Surrender:

Kindly remove mapping of the following USER IDs from the said MPLS / Point to Point (Provide only the user ids below):

a) b) c) d) e)

We hereby certify that No USER IDs other than mentioned above are mapped on the said MPLS / Point to Point.

We hereby agree and bind ourselves to be responsible for all acts, quotations and transactions done, trade made or affected by the users mapped on the said connectivity on the trading system. We will be responsible to Exchange for clearing any dues for these User(s).

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

5.2 Network Connectivity Undertaking-Leased Line

(On Non-judicial stamp paper of Rs. 300/-)

UNDERTAKING CUM INDEMNITY

(For Leased Line Connectivity)

This Non-Judicial Stamp paper of INR _____ forms part and parcel of this Undertaking cum Indemnity submitted to Metropolitan Stock Exchange of India Limited executed by Mr. /Mrs. /M/s _____ on _____ day of , 20____.

THIS UNDERTAKING CUM INDEMNITY is made on this _____ day of _____, 20_____ by _____ admitted as a Trading-Cum-Clearing Member/ Institutional Trading Cum Clearing Member/ Professional Clearing Member (Member ID No:____) of Metropolitan Stock Exchange of India Limited and having his address/its registered office at _____

_____. (Herein after referred to as “member/I/we/me/us” which expression shall unless repugnant to the context or meaning thereof include his/its heirs, successors, assigns and legal representatives)

IN FAVOUR OF Metropolitan Stock Exchange of India Limited, a company incorporated under the Companies Act, 1956 with its corporate office at The Membership Department Metropolitan Stock Exchange of India Limited. Building A, Unit 205A, 2nd Floor, Piramal Agastya Corporate Park, L.B.S Road, Kurla West, Mumbai - 400 070

(hereinafter referred to as “MSE” which expression shall unless repugnant to the context or meaning thereof include its successors or assigns

MEMBER TO USE THE _____, I / WE UNCONDITIONALLY AND IRREVOCABLY UNDERTAKE AND AGREE:

1. I/We agree that the Leased Line will be used purely for the purpose of trading on MSE only.
2. I/We agree that this Leased Line will not be interconnected to any of the Leased Line / Data circuit / Network / PSTN / EPABX etc. of any other service providers which are 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 & MSE, as and when we receive demand note / advice from service provider / MSE and when such charges become due.
5. I/We agree that I/We shall pay the surrender charges and other expense as

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

Prescribed under **MSE Circular Ref No. MSE/IT/7271/2019 dated 31.01.2019** and any subsequent circulars issued in this respect, from time to time, in the event of surrender of my /our leased line(s) connectivity.

6. I /we agree that I / we shall pay the cancellation charges and other expenses incurred to establish the Leased Line as requested by me / us that may become payable, in the event of cancellation of the application / closure of the Leased line at a later date.
7. 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 Leased Line or otherwise whatsoever in the matter.
8. In case service provider provides us 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 service provider.
9. I/ we undertake to authorize MSE to inspect and test IT Infrastructure related to trading system at my/our site without any prior notice.
10. I / We shall render all possible assistance and co-operation to MSE by providing access to any kind of information in any form as it may require and I/we hereby undertake to produce such documents, records, accounts, books, data howsoever stored including data stored in magnetic tapes, floppy diskettes, etc. and any other information as may be required by MSE at its discretion.
11. I / We agree and undertake that MSE shall not be liable for any direct or indirect loss, damage, costs, claims and expenses whatsoever caused or contributed by any event of force majeure. For the purposes of this Clause, "Force Majeure" means and includes wars, insurrections, revolution, fires, floods, epidemic, quarantine restrictions, declared general strikes in relevant industries, act of God, act of the Government of India and any concerned State Government and such other acts or events beyond MSE's control and further the above is without prejudice to the rights already accrued to MSE due to my/our failure to perform either in full or in part, my/our obligations prior to the occurrence of events of Force Majeure.
12. I / We shall not hold MSE responsible or liable for any loss, damage, etc., suffered due to any delay, disturbance or non-availability of connectivity or due to any reason because of Service Provider /Network Integrator or otherwise, at any time including the reasons stated in Force Majeure clause hereinabove.
13. I / We shall indemnify and keep indemnified MSE harmless against every and all claims, demands, damages, liabilities, losses and expenses, etc., suffered by it directly by reason of my / our non-compliance, contravention with any of the provisions of this Undertaking or any penalty imposed by Service Provider /Network Integrator or DOT /Regulatory or statutory Authorities, due to my/ our non- compliances or violation of any provisions of the applicable Act(s) or Rules and Regulations in force.
14. I / We agree that no forbearance, delay or indulgence by MSE in enforcing the provisions of this Undertaking shall prejudice or restrict the rights of MSE nor shall any waiver of its rights operate as a waiver of any subsequent breach and no rights, powers, remedies herein

Metropolitan Stock Exchange of India Limited

conferred upon or reserved for MSE is exclusive of any other right, power or remedy available to MSE and each right, power or remedy shall be cumulative.

15. I/ We hereby undertake and agree that this Undertaking-cum-Indemnity shall be valid and effective for any leased line(s) obtained by the undersigned for connecting to MSE, from time to time. Further, this Undertaking-cum-Indemnity does not lapse till such time, the Exchange discharges the undersigned.

16. That I / we shall execute, sign and subscribe to such other documents, papers, agreement, covenants, bonds, and/or undertakings as may be prescribed or required by MSE from time to time.

17. I/We also agree that in the event of my/our non-compliance with any of the provisions as mentioned above, MSE shall take such action(s) against us as it may deem fit in this regard.

IN WITNESS WHEREOF this Undertaking-cum-Indemnity is executed by the undersigned on the day, month, year and the place mentioned above

| Name, address & signature | Stamp & Signature of the Authorized |
|---------------------------|-------------------------------------|
| Witness 1 | Signatory of Member |
| Witness 2 | |

Date:

Place:

The common seal of _____

was hereunto affixed pursuant to a resolution passed at a meeting of The Board of Directors of the company held on _____ day of _____, 20____ in the presence of *
_____.

Signature 1

Signature 2

Stamp

Stamp

* As required by the Articles of Association of the Company

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

5.3 Dual Mapping Form

(On the Letterhead of the Member)

(Application for Dual Mapping of Member Administrator / Approved Users to the mode of connectivity)

Date:

To,
Metropolitan Stock Exchange of India Limited
The Membership Department
Metropolitan Stock Exchange of India Limited.
Building A, Unit 205A, 2nd Floor, Piramal Agastya Corporate Park,
L.B.S Road, Kurla West, Mumbai - 400 070

Dear Sir,

Sub: Mapping of Member Administrator / Approved Users /Change in user details.

I/We _____ (Trade name of Member) hereby apply for the mapping of Member Administrator / Approved Users for trading through Internet connectivity.

We hereby confirm that we intend to access and trade on Metropolitan Stock Exchange of India Limited as per mode of connectivity chosen below.

| Sr. No. | Segment (CD / CM / F&O) | Member ID | User ID | Approved User Name | Mode of Connectivity (VSAT/MPLS-Leased Line/Internet) | IP Address | Address of Terminal | Email Id to be registered for OTP |
|---------|--------------------------|-----------|---------|--------------------|-------------------------------------------------------|------------|---------------------|-----------------------------------|
| | | | | | | | | |
| | | | | | | | | |

For (Name of the Member)

Authorised Signatory

Date:

Place:

Note: In case of Dual Mapping, please specify the location of both the IP address.

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

5.4 List of revised charges for services offered for COLO

| S. No. | Particulars | COLO at STT- BKC IDC Datacenter | | |
|--------|----------------------------------------------|---------------------------------|--------------|-----------------|
| | | Full Rack | Half Rack | 10 U Rack space |
| 1. | Rack Charges (Annual Recurring) | INR 9 Lacs | INR 4.5 Lacs | INR 2.25 Lacs |
| 2. | Initial Setup Charges | INR 1 Lac | INR 50,000 | INR 50,000 |
| 3. | Support for Data Backup & Re-store per rack* | INR 66,000 | | |
| 4. | Hands and feet charges | INR 750 per half an hour | | |

Note:

* Includes insertion/ removal of tapes and handing over the same to the authorized personnel. Backup tapes to be provided by the Member. Backup & Re-store activity will be performed once a day.

Supplies under “Full Rack”

| | | |
|---------------------------------------------|---|--------------|
| Rack Space | : | Standard 42U |
| Rated Power | : | 6 KVA |
| Max No. of IPs that will be provided | : | 10 |

Supplies under “Half Rack”

| | | |
|---------------------------------------------|---|--------------|
| Rack Space | : | Standard 21U |
| Rated Power | : | 3 KVA |
| Max No. of IPs that will be provided | : | 5 |

Supplies under “10 U Rack Space”

| | | |
|---------------------------------------------|---|--------------|
| Rack Space | : | Standard 10U |
| Rated Power | : | 1.5 KVA |
| Max No. of IPs that will be provided | : | 5 |

Terms & Conditions:-

- Charges will be applicable from the date of allotment of rack.
- Data Center Fees paid by Trading Member, shall not be refunded or returned to the Trading Member in any event of Trading Member wish to withdraw or cancel Data Center Service at any time before completion of one year from the date of application/renewal.

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

5.5 Application Form for Colocation

To
The Membership Department.
Metropolitan Stock Exchange of India Limited
205(A), 2nd floor, Piramal Agastya Corporate Park,
Kamani Junction, LBS Road, Kurla (West),
Mumbai – 400070

Dear Sir/Madam,

I / We (Name of the member) hereby apply for COLO facility offered by the Exchange at STT BKC IDC. The details of the infrastructure are as follows:

| | | |
|----|---------------------------|--|
| 1. | Address | |
| | Address line 1 | |
| | Address line 2 | |
| | Address line 3 | |
| | City, State | |
| | Pin Code | |
| | | |
| 2. | Contact Details | |
| | Contact Person Name | |
| | Designation | |
| | Telephone No. – Extension | |
| | Mobile No. | |
| | | |
| 3. | Payment Details: | |
| | Cheque / Demand Draft No. | |
| | Date | |
| | Drawn On Bank | |
| | Amount (in figure) | |
| | Amount (in words) | |

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

5.6 **Renewal Form for Colocation**

To

The Membership Department.

Metropolitan Stock Exchange of India Limited

205(A), 2nd floor, Piramal Agastya Corporate Park,

Kamani Junction, LBS Road, Kurla (West),

Mumbai – 400070

Dear Sir,

I / We (Name of the trading member) hereby apply for renewal of co-location facility for rack no(s). Allotted to us in COLO facility at STT BKC IDC.

We agree to comply with the terms and conditions as specified in Exchange Circular Ref. No. _____ as may be amended from time to time.

In this regard please find the payment details as follows –

Cheque /Demand draft no./NEFT Details :-

Drawn on Bank:-

Cheque /Demand draft date/NEFT Date:-

Payable at: - Mumbai

Total Amount = Rs.....

Date:

Place:

Encl:

1. Cheque / Demand draft for renewal amount favouring “**Metropolitan Stock Exchange of India Limited**”.
2. Fund transfer / NEFT to be transferred to “**Metropolitan Stock Exchange of India Ltd.**” As per point 5.8
3. Service Aailed form

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.

Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

5.7 COLO Data Center Acceptable Usage Policy

The purpose of this policy is to outline the usage of COLO Data Center Facility of the Exchange at STT BKC IDC for business purposes. It is expected that all the members adhere to the safe-usage practices that do not disrupt the business or interfere with the other Members' activities. Acceptable Usage policy help "educate users", "define boundaries of behaviour", and "consequences of violating those boundaries".

Policy

1. The COLO Data Center work etiquettes have to be strictly adhered to while working inside the Data Center.
2. All Members shall submit a "Declaration" of authorized representatives that are allowed in the COLO premises during installation / maintenance or uninstallation of hardware. For this purpose, the "representative" shall mean employee/ temporary staff or third party personnel.
3. Any Member that wishes to grant access to an employee/ vendor personnel not on the permitted declaration must ensure that the employee/ vendor personnel is accompanied by someone on the "Declaration" at all times. Members are responsible for all actions of their employees.
4. The personnel visiting the Data Center are required to carry their Identification Proof and produce the same whenever demanded by Security Guards/ Data Center Staff.
5. Exchange will take necessary actions to protect the Member equipment. However, Exchange is not liable nor does it insure the Member equipment in the Data Center. Members are therefore advised to secure the value of their equipment and services by their own insurance.
6. Under no circumstances the member will be allowed to mount the monitors, keyboards, mouse in the racks. Member will be allowed to mount rack mountable monitors if they desire alternatively, they may request the DC team to provide them with laptops / monitor, keyboard & mouse required for configuration purpose.
7. Under no circumstances is a Member or his authorized representative use this facility to engage in any activity that is illegal under local, state, national and/ or international law while utilizing Data Center resources.
8. Person visiting Data Center should ensure to be dressed appropriately as per general business etiquettes.
9. As per the requirements, all the IT equipment installed at COLO services should be dual power supply and rack mountable only. In case if member installs single power supply equipment, the Exchange will not be responsible for any power outage.
10. As there is no storage facility available for Member's IT equipment in COLO facility, members are requested to ensure that all IT equipment are installed in their respective allocated rack.
11. One Day prior intimation is required for Work permit request (Monday – Saturday)
12. Access to Data Center shall not be allowed during Market Hours

Do's

1. Display the Visitor's Pass/ access card prominently at all times while in the COLO data center premises issued while entering the premises.
2. Co-operate with the Security Guards/ Admin staff at all times to abide to Physical Security Policy.
3. Carry a Challan / Delivery Note in duplicate of the equipment which they intend to bring into the DC. One copy will be given back to member confirming the receipt of materials.
4. Provide necessary information to Security Guards/ Data Center Staff and sign the required registers within COLO data center premises.
5. Follow the Material Movement Policy for moving your material in and out of the premises. Declare all material at security or whenever asked in the COLO data center premises.

Metropolitan Stock Exchange of India Limited

6. Ensure that the initial setup is done in the Staging area. Only mounting and unmounting of equipment's will be permitted in the Datacenter.
7. Declare and deposit mobile phones with the on-duty Security Personnel at COLO data center premises.
8. Co-operate with Admin team to ensure cleanliness and overall hygiene within the premises.
9. Ensure that the initial installation or removal of the Member equipment is done in agreement with Data Center Manager in advance before actual activity is being carried out.
10. Notify the on-duty security Guard/ Data Center Manager immediately, if you find anything observed unusual.
11. In case of Fire/Emergency, immediately vacate the building. Follow the instructions of data center personnel for a safe and speedy evacuation.
12. While in data center premises, keep yourself aware about the nearest exit routes which are prominently marked for evacuation purpose.
13. Gather at the pre-designated assembly area where the Data Center Manager/ staff will ensure everyone is accounted for.
14. Undertake any Wide Area Network Connectivity subject to Exchange approval.

Don'ts

1. Take any unauthorized person or give your access card to others or Tailgate.
2. Wander in the office area or anywhere in the COLO data center premises other than the facility assigned to you.
3. Bring any hazardous materials and/or dangerous material such as weapons, guns, knives or mace, alcohol; or drugs within the COLO facility or the building.
4. Bring the mobile phone inside the Data Center facility.
5. Bring any material like wet cell batteries, explosive, flammable liquids or gases, alcohol, controlled substances, weapons, cameras, tape recorders, etc. inside Data Center premises.
6. Photograph, videotape or film any areas in the COLO data center premises or the entrances to the Data Center facility.
7. Install any batteries in the Data Center facility.
8. Operate equipment specifically designed to emit Radio Frequency (RF) energy within the COLO data center facility without express written consent of an authorized data center representative.
9. Bring or consume any kind of food, beverages or liquids inside the Data Center.
10. Smoke in the data center premises.
11. Extend power to any rack.
12. Use extension cord or spike guard.
13. Misuse data center owned equipment or infrastructure for conducting unsolicited activities.
14. Touch/ interfere with any other equipment / devices inside the Data Center apart from own infrastructure.
15. Leave any material on the floor or in common areas.
16. Indulge into any activity whether verbal or through physical conduct that harasses, disrupts or interferes with another's work performance or that creates an intimidating, offensive, or hostile environment.
17. Disturb others by talking loudly, playing music, etc.

I have read the policy and agree to abide by Do's, Don'ts and other the terms and conditions.

For <Member Name>

Authorized Signatory

Date:

Place:

Company Seal

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

5.8 **NEFT details**

| Particulars | Details |
|------------------|------------------------------------------|
| Beneficiary Name | Metropolitan Stock Exchange of India Ltd |
| Bank A/c No | 00600340041194 |
| Bank | HDFC BANK LTD. |
| Branch | Fort Mumbai |
| Account Type | CURRENT |
| IFSC Code | HDFC0000060 |

5.9 **Technical support contact details of service provider**

AIRTEL

| | |
|------------------------------|----------------------------------------------------------------------------------|
| Centralized Fault Management | 1800-102-001 |
| Email address | enterprise.data@in.airtel.com |

TCL

| | |
|------------------------------|------------------------------------------------------------------------------------------------|
| Centralized Fault Management | 1800 2660 660 |
| Email address | corp.helpdesk@tatacommunications.com |

| | |
|---------------|----------------------------------------------------------------------|
| CSQ | 022-61129010 |
| Email address | customerservice@msei.in |

5.10 **Checklist for Applications to MSE**

5.10.1 Application for New links

- Connectivity form
- Authorization letter
- Network Connectivity Undertaking-Leased Line. Member to provide undertaking first time only.

5.10.2 Upgradation/Shifting/NOC

- Connectivity form

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

6 Infosec

6.1 Framework for Adoption of Cloud Services by SEBI Regulated Entities (REs)

SEBI has issued circular no. SEBI/HO/ITD/ITD_VAPT/P/CIR/2023/033 dated March 06, 2023, on the subject “Advisory for SEBI Regulated Entities (REs) regarding Cybersecurity best practices”. A copy of the said SEBI circular is enclosed as Annexure A for reference. Members are requested to take note of the contents of the circular and comply.

6.2 Revised List of Specified Members for the Framework on Technical Glitches

Member’s attention is drawn to SEBI circular SEBI/HO/MIRSD/TPD-1/P/CIR/2022/160 dated November 25, 2022, and Exchange circular ref. no. MSE/IT/12759/2022 dated December 19, 2022, on Framework to address the Technical Glitches in Stock Brokers’ Electronic Trading System wherein the Stock Exchanges were directed by SEBI to identify the ‘Specified Members’. In view of SEBI circular no. SEBI/HO/MIRSD/MIRSD-PoD-1/P/CIR/2023/24 dated February 06, 2023, and Exchange Circular no. MSE/INSP/13570/2023 dated June 02, 2023, on “Enhanced obligations and responsibilities on Qualified Stock Brokers (QSBs), the Exchanges, in consultation with SEBI have revised the list of ‘Specified Members’. The list of 37 Specified Members is enclosed herewith as ‘Annexure A’.

Annexure A

| | |
|----|-----------------------------------------------------------------------|
| 1 | Spaisa Capital Limited |
| 2 | Acumen Capital Market (India) Limited |
| 3 | Alice Blue Financial Services Private Limited |
| 4 | Anand Rathi Share and Stock Brokers Limited |
| 5 | Angel One Limited |
| 6 | Axis Securities Limited |
| 7 | Bonanza Commodity Brokers Private Limited / Bonanza Portfolio Limited |
| 8 | Choice Equity Broking Private Limited |
| 9 | Dhani Stocks Limited |
| 10 | Finvasia Securities Private Limited |
| 11 | Fyers Securities Private Limited |
| 12 | Geojit Financial Services Limited |
| 13 | Globe Capital Market Limited |
| 14 | Goodwill Wealth Management Private Limited |
| 15 | HDFC Securities Limited |
| 16 | ICICI Securities Limited |
| 17 | IIFL Securities Limited |
| 18 | Jainam Broking Limited |
| 19 | Kotak Securities Limited |
| 20 | Moneylicious Securities Private Limited |
| 21 | Motilal Oswal Financial Services Limited |
| 22 | Nextbillion Technology Private Limited |
| 23 | Nirmal Bang Securities Private Limited |
| 24 | NJ India Invest Private Limited |
| 25 | Nuvama Wealth and Investment Limited |
| 26 | Paytm Money Limited |
| 27 | Profitmart Securities Private Limited |
| 28 | Reliance Securities Limited |

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

| | |
|----|--------------------------------------------------------------------------------|
| | |
| 29 | Religare Broking Limited |
| 30 | RKSV Securities India Private Limited / RKSV Commodities India Private Limited |
| 31 | SBICAP Securities Limited |
| 32 | Sharekhan Limited |
| 33 | SMC Global Securities Limited |
| 34 | Swastika Investmart Limited |
| 35 | Ventura Securities Limited |
| 36 | Zebu Share and Wealth Managements Private Limited |
| 37 | Zerodha Broking Limited / Zerodha Commodities Private Limited |

6.3 Addendum to Framework to address the ‘technical glitches’ in Member’s Electronic Trading Systems

Member’s attention is drawn to the Exchange circular MSE/IT/12759/2022 dated December 19, 2022, on Framework to address the ‘technical glitches’ in Member’s Electronic Trading Systems. As per the circular, RCA reports for all technical glitch incidents greater than 45 minutes, shall also be verified by an independent auditor appointed by the Member. Trading Members are required to submit Root Cause Analysis (RCA) Report of the technical glitch to the Exchange, within 14 days from the date of the incident. Furthermore, in the case of technical glitch incidents lasting more than 45 minutes, an independent auditor’s report on the RCA shall be submitted within 45 days of the incident.

6.4 CYBER SECURITY ALERT: EVENTS OF NATIONAL IMPORTANCE

Advisory on Cyber Security Alert received by SEBI from National Security Council Secretariat (Cyber Wing). In reference to the captioned subject, please take note of the following advisory: In view of forthcoming events of National importance from 22 to 30 Jan 2024, there is likelihood that Cyber Threat actors may target Critical Information Infrastructure of the Nation, with a view to impact the smooth conduct of such events targeting the image of the Nation in International arena. All stakeholders are particularly sensitized to be aware of the health of their digital assets like websites, public serving applications, databases, etc. Entities are requested to keep in place immediate measures to be taken if a Cyber Incident occurs in their respective jurisdiction / constituency. In light of the above, it is recommended that all stakeholders maintain a heightened cyber security alertness and a robust cyber security posture for the period mentioned at Para 2 above. It is also recommended that physical security aspects including access control mechanisms in respect of vital installations / Institutions be strengthened to ensure safeguarding of Cyber assets. This advisory has been issued with the approval of competent authority.

6.5 Master circular for Technology

In terms of provisions of the Rules, Byelaws and Regulations of Metropolitan Stock Exchange of India Ltd. (Exchange), members of the Exchange are notified as under:

Exchange has been issuing various circulars from time to time for network connectivity. In order to provide users easy access to all applicable circulars at one place and also introduce new type of connectivity Master circular of connectivity is issued. This Master circular consolidates regulations /directions of all earlier circulars issued by Exchange from time to time and new directions applicable to Network Connectivity for members.

Members of the Exchange may access the On-line trading system through various modes of connectivity such as Multi-Protocol Label Switching (MPLS), Point to Point (P2P) and Internet. Members

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

of the Exchange may choose the mode of connectivity and service providers best suited to their business needs and requirements.

6.5.1 Quarterly Cyber Incident reporting of Cyber Security & Cyber Resilience framework for Stockbrokers

This has reference to the SEBI circulars SEBI/HO/MIRSD/CIR/PB/2018/147 dated December 03, 2018, SEBI/HO/MIRSD/TPD/P/CIR/2022/93 dated June 30, 2022, and Exchange Circular no. MSE/IT/7209/2019 dated January 01, 2019 and MSE/INSP/13849/2023 dated July 21, 2023 on Cyber Security and Cyber Resilience framework for Stock Brokers/Depository Participants.

In view of the above, members are required to submit the Cyber Incident(s) report for the quarter ending March 31, 2024 at InfoSec@msei.in on or before April 15, 2024. Further, in case of any non-submission/delayed submission, disciplinary action will be initiated.

6.5.2 Quarterly Cyber Incident reporting of Cyber Security & Cyber Resilience framework for Stockbrokers

This has reference to the SEBI circulars SEBI/HO/MIRSD/CIR/PB/2018/147 dated December 03, 2018, SEBI/HO/MIRSD/TPD/P/CIR/2022/93 dated June 30, 2022, and Exchange Circular no. MSE/IT/7209/2019 dated January 01, 2019 and MSE/INSP/13849/2023 dated July 21, 2023 on Cyber Security and Cyber Resilience framework for Stock Brokers/Depository Participants.

In view of the above, members are required to submit the Cyber Incident(s) report for the quarter ending June 30, 2024 at InfoSec@msei.in on or before July 15, 2024.

Further, in case of any non-submission/delayed submission, disciplinary action will be initiated.

6.5.3 Quarterly Cyber Incident reporting of Cyber Security & Cyber Resilience framework for Stockbrokers

This is with reference to SEBI circular No.: SEBI/HO/MIRSD/CIR/PB/2018/147 dated December 3, 2018, and subsequent circulars regarding Cyber Security & Cyber Resilience framework for Stockbrokers. Securities Market organizations have been experiencing cyber-attacks which are rapidly growing in frequency and complexity.

Additionally, on analysis of these cyber-attacks reported by members in the past, it has been observed that these issues occurred due to vulnerable APIs used as part of the software products/services. To avoid occurrence of such cyber incidents and ensure secure usage of API, members are advised to adopt the following best practices.

Maintain Inventory of API: Inventory of API including ownership, criticality/impact of API shall be maintained.

Strong Authentication Mechanisms: Employ strong & mutual authentication mechanisms such as API keys, OAuth, or IWT, ensuring secure token management practices and setting appropriate expiration times.

Centralized API Security: Establish an API gateway for centralized security enforcement and a web application firewall (WAF) to protect against common web threats. Implement an API security gateway for both internal and external APIs. Disable any public API lacking secure authentication or strengthen it as per advisory at the earliest.

Data Protection and Secure Communication: Prioritize data protection by encrypting sensitive data, applying data masking techniques and using secure communication protocols to prevent eavesdropping and information leakage. Additionally, integrity checks through checksum or digital signature should be implemented to ensure data integrity & to avoid data manipulation/MITM.

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

Input Validation and Output Encoding: Validate and sanitize user inputs to prevent injection attacks and encode output to protect against HTML/JavaScript injection.

Rate Limiting and Throttling: Implement rate limiting and throttling mechanisms to prevent abuse and DDoS attacks, limiting requests from a single client within a specific time frame.

Error Handling and Logging: Ensure proper error handling and comprehensive logging for monitoring and auditing purposes.

Cross-Origin Resource Sharing (CORS): Configure CORS properly to restrict unauthorized cross-origin requests.

Secure Storage of Secrets: Do not Store or Transmit API keys, credentials and sensitive data without secure encryption and access controls.

Regular Security Assessments: Conduct regular security assessments, including penetration testing, security audits, and code reviews. All API's need to be assessed for security weakness/vulnerabilities and the checks should be aligned to OWASP Top 10 API security framework.

Documentation: Maintain clear documentation on secure API usage, including examples of proper authentication and authorization methods. For API's facilitating sensitive business flows access shall be restricted on need-to-know basis.

Privacy Protection: Minimize data collection to essential information, comply with relevant privacy regulations and obtain user consent for data processing. Integrate privacy considerations from the initial stages of API development, performing a Privacy Impact Assessment (PIA) to identify and mitigate potential privacy risks.

Secure Software Development Lifecycle (SDLC): Integrate security considerations into the entire API development process and conduct security training for developers to promote secure coding practices.

Annual Software Audit (ISO 12207:2017): Conduct an annual software assessment as per ISO 12207:2017 standards for Systems and Software Engineering.

6.5.4 Circular for Cybersecurity and Cyber Resilience Framework (CSCRF)

SEBI has issued a Circular on Cybersecurity and Cyber Resilience Framework (CSCRF) for SEBI Regulated Entities (REs), ref no. SEBI/HO/ITD-1/ITD_CSC_EXT/P/CIR/2024/113 dated August 20, 2024.

The same is available on SEBI's web site www.sebi.gov.in; under tab Legal > Circulars.

All Members are advised to take note of the contents of the aforesaid Circular and comply

6.5.5 Standard Operating Procedure (SOP) for handling Cyber Security Incidents

SEBI vide its circular EBI/HO/ ITD-1/ITD_CSC_EXT/P/CIR/2024/113 dated August 20, 2024, regarding Cybersecurity and Cyber Resilience Framework (CSCRF) for SEBI Regulated Entities (REs), accordingly the indicative scope for preparing Standard Operating Procedure (SOP) for handling Cyber Security incidents has been updated.

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

6.5.6 Clarifications to Cybersecurity and Cyber Resilience Framework (CSCRF) for SEBI Regulated Entities(REs)

This is with reference to the SEBI Circular no. SEBI/HO/ITD-1/ITD_CSC_EXT/P/CIR/2024/113 dated August 20, 2024, on the subject Cybersecurity and Cyber Resilience Framework(CSCRF) for SEBI Regulated Entities(REs). In this regard, SEBI vide its circular no. SEBI/HO/ITD_CSC_EXT/P/CIR/2024/184 dated December 31, 2024, has provided Clarifications to Cybersecurity and Cyber Resilience Framework (CSCRF) for SEBI Regulated Entities(REs).

(1) With regard to the compliance requirements, which are effective from January 01, 2025 under the CSCRF, regulatory forbearance is provided till March 31, 2025. For any non-compliance during this period that comes to the notice of the regulator, no regulatory action shall be taken provided the REs are able to demonstrate meaningful steps taken / progress made in implementation of CSCRF. An opportunity shall be given to the REs to demonstrate the same before any regulatory action is considered by SEBI.

(2) Extension of compliance dates for Regulated Entities (REs):

While the circular is effective from January 01, 2025, the date of compliance of CSCRF for following REs has been extended based on the feedback received on the rationalization of categorization of certain REs:

- a. KYC Registration Agencies (KRAs): Compliance timeline is extended from January 01, 2025 to April 01, 2025.
- b. Depository Participants (DPs): Compliance timeline is extended from January 01, 2025 to April 01, 2025.

6.5.7 Quarterly Cyber Incident reporting of Cyber Security & Cyber Resilience framework for Stockbrokers`

This has reference to the SEBI circulars SEBI/HO/MIRSD/CIR/PB/2018/147 dated December 03,2018, SEBI/HO/MIRSD/TPD/P/CIR/2022/93 dated June 30, 2022, and Exchange Circular no. MSE/IT/7209/2019 dated January 01, 2019 and MSE/INSP/13849/2023 dated July 21, 2023 on Cyber Security and Cyber Resilience framework for Stock Brokers/Depository Participants.

In view of the above, members are required to submit the Cyber Incident(s) report for the quarter ending December 31, 2024 at InfoSec@msei.in on or before January 15, 2024.

Further, in case of any non-submission/delayed submission, disciplinary action will be initiated.

6.5.8 Revised Guidelines for Capacity Planning and Real Time Performance Monitoring framework of Market Infrastructure Institutions (MIIs)

Attention of members is drawn to SEBI's Circular No. SEBI/HO/MRD/TPD/CIR/P/2024/171 dated December 10, 2024, regarding 'Revised guidelines for capacity planning and real time performance monitoring framework of Market Infrastructure Institutions (MIIs)'.

All Members were requested to take note of the same.

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856

6.5.9 Policy for Sharing Data for the Purpose of Research / Analysis

The Securities and Exchange Board of India (SEBI) has issued a Circular No. SEBI/HO/DEPA-II/DEPAII_SRG/P/CIR/2024/178 dated December 20, 2024, on **“Policy for Sharing Data for the Purpose of Research / Analysis”**.

All Members were requested to take note of the same.

6.5.10 Advisory for Financial Sector Organizations Software as a Service(SaaS) based solutions(Half yearly from October 2024 to March 2025)

This is with reference to the SEBI Circular No. SEBI/HO/MIRSD2/DOR/CIR/P/2020/221 dated November 03, 2020 **“Advisory for Financial Sector Organizations regarding Software as a Service (SaaS) based solutions”**.

Members were requested to take note of the same and arrange for compliance with the requirements specified in the said Circular and submit the report by April 30, 2025

6.5.11 Framework for Monitoring and Supervision of System Audit of Stock Brokers (SBs) through Technology based Measures

The Securities and Exchange Board of India (SEBI) has issued a Circular No. SEBI/HO/MIRSD/TPD/CIR/2025/10 dated January 31, 2025 on **“Framework for Monitoring and Supervision of System Audit of Stock Brokers (SBs) through Technology based Measures.”**

All Members were requested to take note of the same.

7 Business Continuity for Clearing Corporations through Software as a Service (SaaS) Mode

To All Members, All Members, This is with reference to SEBI Circular dated December 20, 2023, under reference number SEBI/HO/MRD/TPD/P/CIR/2023/192 regarding Business Continuity for Clearing Corporations through Software as a Service (SaaS) Model.

Metropolitan Stock Exchange of India Limited

Registered Office: 205A, 2nd Floor, Piramal Agastya Corporate Park, Kamani Junction, LBS Road, Kurla (West), Mumbai – 400070.
Tel: +91-22-6112 9000 | customerservice@msei.in | www.msei.in | CIN: U65999MH2008PLC185856