

Circular No: ACE/TECH-001/2010/002

Date: October 26, 2010

Nation Wide Connectivity

In terms of provisions of the Rules, Bye-Laws and Business Rules of the Exchange, Members of the Exchange are notified as under:

To provide enhanced and latest trading facilities, the exchange is pleased to introduce MPLS (Multi-Protocol Label Switching) based VPN Services on a Nationwide basis. For this Exchange has tied up with Sify Technology Limited (Sify) as an Independent Service provider (ISP) who has built a robust MPLS network with its Point of Presence covering most of the cities across India.. Members will have the option to procure last miles from different service providers – Tata, Bharti, MTNL and BSNL through Sify.

1. Point of Presence (PoP) For MPLS Leased Circuit

The current list of cities covered for MPLS services are given in **Annexure I**

2. Application Procedure

Members desirous of applying MPLS leased circuit will have to email their details to services@aceindia.com as per **Annexure II**. On receipt of the said e-mail, Exchange shall find out feasibility of location from the service provider as per the choice indicated by the member. In case, the connectivity is not feasible with service provider of the member's first choice then the same will be checked from the other service provider(s) in the order of choice, if indicated by the member.

After receipt of the feasibility details from the Exchange, members are required to submit duly filled and signed application as per **Annexure III** and undertaking as per **Annexure IV** (if not furnished earlier) to the Membership department of Ace Derivatives & Commodities Exchange Limited along with the payment as applicable, by way of Cheque/Demand Draft payable at Mumbai. Thereafter, Exchange will forward the request to Sify Technologies to process the application for MPLS leased circuit through the respective provider. Members please note that MPLS leased

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circuit may be commissioned within 4 to 6 weeks after receipt of all documents along with required payment.

3. Charges and payment procedure with application

Member shall be required to pay a one-time Installation charge (Non-refundable) and annual recurring for the first year, for the required bandwidth as per Annexure V by way of Cheque /Demand Draft in favor of Sify Technologies Limited.

Annual Recurring charges from second year onwards will be recovered from the member annually in advance after submitting the bills.

Router requirement

Members have to procure a dedicated Router on their own or from Exchange/ Sify for accessing the trading system. The minimum specifications of the Router are given in **Annexure VI**.

4. Technical Support

For Technical support Members are requested to contact on telephone numbers/ email address as mentioned in **Annexure VII**

5. Site readiness

The member has the option of taking last mile r on wireline or wireless for which the member's site has to comply with the site readiness checklist as per **Annexure VIII**

6. User IDs

The Bandwidth and Number of User IDs allowed is as per below:

Sr. No.	Bandwidth	Number of User IDs Allowed (TWS + CTCL)
1	256 Kbps	15 (max. three CTCL IDs)
2	512 Kbps	20 (max. four CTCL IDs)
3	1 Mbps	25 (max. five CTCL IDs)
4	2 Mbps	30 (max. six CTCL IDs)

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7. Backup Connectivity

The members are suggested to have a backup connectivity in case the primary connectivity fails to remain connected to the trading platform. It is recommended to have backup connectivity on different medium or from another service provider than the primary connectivity. For example, if the primary connectivity is on wire line Lease Line then backup connectivity can be on wireless Lease Line or Internet or VSAT or wireline Lease Line from another service provider.

For and on behalf of

Ace Derivatives & Commodity Exchange Limited

Shailesh Patni

Head – IT Infrastructure

For any clarifications or assistance, please contact the Customer Service Group at 022-6670 9201 or send us an email at services@aceindia.com

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Annexure I:

MPLS PoP Locations

Region	State	City / Town / Village
Eastern	Arunachal Pradesh	Itanagar
Eastern	Assam	Barpeta Road, Bhojo, Bongaigaon, Dhubri, Dibrugarh , Dimapur, Duliajan, Golaghat, Guwahati, Kamakhya, Mangaldoi, Nagaon, Naharkatiya, Rangiya, Silchar, Tezapore ,Tinsukia
Eastern	Bihar	Ara, Begu Sarai, Bhagalpur, Bihar Sharif, Buxar, Chapra, Daltonganj, Danapur, Darbhanga, Dehri On Sone, Forbesganj, Gaya,Gopalganj, Hazaribagh, Hazipur, Jamalpur, Katihar, Kishanganj, Madhubani, Mokama, Motihari, Muzaffarpur, Patna, Purnia, Saharsa, Sasaram, Sitamarhi, Siwan
Eastern	Jharkhand	Bokaro, Chaibasa, Dhanbad, Dumka, Gamharia, Jamshedpur, Jhumri, Tilaiya, Katrasgarh, Kumardubi, Lohardaga, Ranchi
Eastern	Manipur	Imphal
Eastern	Meghalaya	Jowai,Shilong
Eastern	Mizoram	Aizwal
Eastern	Nagaland	Kohima
Eastern	Orissa	Angul, Argul, Aska, Balasore, Barbil, Bargarh, Baripada, Beharampur, Bhadrakh, Bhubaneswar, Cuttack, Gopalpur, Jajpur, Jatani, Jeypore, Jharsuguda, Joda, Keonjhar, Mancheswar, Paradip, Puri, Rajathagarh, Rourkela, Sambalpur
Eastern	Tripura	Agartala, Dharmanagar
Eastern	Tripura	Udaipur Tripura
Eastern	West Bengal	Alipur Duar, Asansol, Baharampur, Balurghat, Bankura, Barakar, Basirhat, Burdwan,Calcutta,Cooch Behar, Dhulagarh, Dinhata, Durgapur, Haldia, Hooghly, Jalpaiguri ,Kalyani , Kharagpur, Kurseong, Malda, Parganas, Purulia, Raigung, Shantipur,Siliguri, Suri, Tarakeshwar
Northern	Chandigarh UT	Chandigarh
Northern	Haryana	Ambala, Bahadurgarh ,Bhiwani, Faridabad, Gohana, Gurgaon, Hisar, Kaithal Karnal, Kurukshetra ,Manesar, Narnaul ,Palwal, Panipat ,Pinjore, Sirsa ,Sonipat ,Sukhrali ,Yamuna Nagar

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Region	State	City / Town / Village
Northern	Himachal Pradesh	Baddi, Bilaspur(Hp) ,Broutiwala, Kangra, Kullu ,Mandi ,Nahan ,Nalagarh Parwanoo ,Shimla ,Solam
Northern	Jammu & Kashmir	Jammu , Samba, Srinagar , Udhampur
Northern	New Delhi	Delhi
Northern	Punjab	Abohar, Amritsar, Barnala, Batala ,Bhatinda, Dausa, Firozpur, Gurdaspur Hoshiarpur, Jagraon, Jaitu, Jalalabad, Jalandhar, Kapurthala, Khanna Kotakpura, Ludhiana, Mandi Gobindgarh, Mansa, Moga, Mohali, Muktsar Nabha, Nangal, Nawanshahar, Pathankot, Patiala, Phagwara, Phulpur, Rajpura, Ropar, Rothak, Samrala, Sangrur, Tarn Taran, Zira, Zirakput
Northern	Rajasthan	Ajmer, Alwar, Banswara, Beawar, Behror, Bharatpur, Bhilwara, Bhiwadi Bikaner, Bundi,Chittaurgarh, Hanumangarh, Jaipur, Jalore, Jhunjhunun, Jodhpur, Kankroli, Kishangarh, Kota, Makrana, Nagaur, Newai, Pali, Sikar, Sriganganagar, Suratgarh, Tonk, Udaipur
Northern	Uttar Pradesh	Agra, Aligarh, Allahabad, Amethi, Anpara, Azamgarh, Badun, Bahraich,Ballia, Barabanki , Bareilly, Basti, Bhadohi, Bulandshahr, Deoria Sadar, Faizabad, Farrukhabad, Fatehpur, Firozabad, Gajraula, Ghaziabad, Ghazipur, Gonda, Gorakhpur, Hapur, Hardoi, Jaunpur, Jhansi, Kanpur, Kashganj, Kosi Kalan Lakhimpur-Kheri, Lucknow, Mahoba, Mathura, Meerut, Mirzapur, Modi Nagar, Moradabad, Mughal Sarai, Muzaffarnagar, Noida, Orai, Pratapgarh, Rai Barielly, Rampur, Renukoot, Sadabad, Saharanpur, Shahjehanpur, Sitapur, Sultanpur, Unnao, Varanasi
Northern	Uttarakhand	Haldwani , Kotdwara , Roorkee
Northern	Uttranchal	Almora , Dehradun , Haridwar, Kashipur , Rishikesh , Rudrapur, Srinagar Uttranchal

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Region	State	City / Town / Village
Southern	Andhra Pradesh	Adilabad, Adoni, Anantapur, Begampet, Bhimavaram, Chillakallu, Eluru, Gulbarga, Guntur, Hyderabad, Ibrahimpatnam, Jeggayyapet, Kakinada, Karimnagar, Khammam, Kurnool, Machelipatnam, Mahabubnagar, Maheswaram, Nandyal, Narasaraopet, Nizamabad, Ongole, Palakol, Patancheru, Rajamundry, Sankarpally, Secunderabad, Srikakulam, Suryapet, Tanuku, Tenali, Vijayawada, Vishakapatnam, Warangal
Southern	Karnataka	Bangalore, Belgaum, Bellary, Bidadi, Bijapur, Chamarajanagar, Chikmagalur, Chitradurga, Davangere, Dharwar, Dobbspet, Dodballapur, Harihar, Hassan, Hosdurga, Hospet, Hosur, Hubli, Karwar, Kengeri, Madikeri, Malur, Mandya, Mangalore, Mysore, Raichur, Shimoga, Tiptur, Tumkur, Udupi, Virajpet, Yelhanka
Southern	Kerala	Angamali, Calicut, Changanacheri, Cochin, Kannur, Kothamangalam, Kottayam, Kunnankulam, Malappuram, Mattannur, Mundakayam, Muvattupuzha, Nedumangadu, Payyanur, Perambara, Piravom, Quilandi, Quilon, Sulthan Bathery, Taliparamba, Thiruvalla, Thodupuzha, Trichur, Trivandrum, Vadakkancherry
Southern	Pondicherry	Pondicherry, Villianur
Southern	Tamil Nadu	Arakkonam, Ariyalur, Batlagundu, Chengalpattu, Chennai, Chittoor, Coimbatore, Cuddalore, Cuddapah, Dharmapuri, Dindigul, Edappadi, Erode, Guduvanchery, Gummidipoondi, Kanchipuram, Karaikkudi, Karur, Kovilpatti, Kumbakonam, Madurai, Maraimalai Ngr, Mayiladuturai, Nagercoil, Namakkal, Navalur, Nellore, Padi, Palamaner, Palani, Palghat, Pennadam, Pollachi, Proddatur, Pudukkottai, Rajapalayam, Ramanathapuram, Ranipettai, Salem, Sivakasi, Sriperumbathur, Tenkasi, Thanjavur, Theni, Thirubhuvanai, Thiruthurai, Thiruvannamalai, Tiruchchirappalli, Tirunelveli, Tirupati, Tiruppur, Tiruvannamalai, Trichengode, Trivellore, Tuticorin, Udumalaipettai, Vellore, Virudunagar, Yercaud
Western	Chhattisgarh	Bhilai, Bilaspur (CG), Dhamtari, Durg, Jagdalpur, Korba, Raigarh, Raipur, Raj Nandgaon
Western	Daman & Diu	Dadra, Daman, Diu
Western	Goa	Mapusa, Margoa, Panaji, Ponda, Sawantwadi, Vasco Da Gama, Verna

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Region	State	City / Town / Village
Western	Gujarat	Ahmedabad, Amreli, Anand, Anjar, Ankleshwar, Aslali, Bamroli, Bharuch, Bhavanagar, Bhuj, Borsad, Dahej, Dhandhuka, Dhoraji, Disa, Gandhidham, Gandhinagar,,Godhra, Halol, Himatnagar, Idar, Jamnagar, Jhagadiya, Junagadh, Kadi, Kalol, Mehensa, Modasa, Moraiya, Morbi, Mundra, Nadiad, Navsari, Okha, Palanpur, Petlad, Porbandar, Rajkot, Surat, Surendranagar, Unjha, Vadodara, Valsad, Vapi, Veraval, Viramgam, Vyara
Western	Madhya Pradesh	Ambikapur, Badwah, Bhopal, Biora, Budhni, Burhanpur, Chhindwara, Damoh, Dewas, Dhar, Guna, Gwalior, Indore, Itarsi, Jabalpur, Katni, Khandwa, Maksi, Mandi Dip, Mandsaur, Morena, Neemuch, Ratibad, Ratlam, Rewa, Sagar, Satna, Shivpuri, Ujjain, Vidisha
Western	Maharashtra	Ahmednagar, Akola, Aurangabad, Beed, Bhiwandi, Boisar, Buldhana,Chakan, Chandrapur, Chiplun, Dhule, Dindori, Hingoli, Jalgaon, Jalna, Kalmeshwar, Karad, Kolhapur, Latur, Mohol, Mumbai, Nagpur, Nanded, Nandurbar, Nasik, Paras, Parbhani, Parli Vaijnath, Pune, Radhanagari, Ratnagiri, Sangli, Satara Sinnar, Solapur, Thane, Vasai, Waluj, Wardha

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Annexure II:

Request for MPLS Leased Line Feasibility Check

(On Email at services@aceindia.com)

Date:

To:

Ace Derivatives and Commodity Exchange Limited
 4th Floor, Building No. 4, Infinity IT Park,
 Gen. A. K. Vaidya Marg,
 Malad (East),
 Mumbai 400 097
 Fax No.: 022-66709292

Dear Sir,

Sub: Request for MPLS leased circuit feasibility check

This has reference to your circular no..... dated
 for the purpose of Nationwide MPLS connectivity. We would like
 to apply for _____ Kbps / Mbps MPLS leased circuit, and hence requesting for
 location feasibility check for the last mile of the service provider of choice in the order as
 mentioned below.

Priority *	First	Second	Third
Last Mile Service Provider for Wireline			

- Please mention service provider name i.e. Airtel or Tata or MTNL or BSNL in the order of choice i.e. first choice, second choice and third choice. The last mile on wireless will be only from Sify.

For Installation of MPLS leased circuit please find the details as mentioned below:

1.	Name of Trading Member	
2.	Member ID	

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3.	Billing Address		
4.	Contact Person at Billing Address	Name:	
		Email:	
		Mobile:	
		Landline:	
		Fax:	
5.	Site Address		
6.	Contact Person at Site Address	Name:	
		Email:	
		Mobile:	
		Landline:	
		Fax:	
7.	Connectivity Type	<input type="checkbox"/> MPLS Leased Line (wireline) <input type="checkbox"/> MPLS Leased Line (wireless from Sify) Bandwidth: Kbps/Mbps	
9.	Router required (optional)	<input type="checkbox"/> YES Cisco 1841 <input type="checkbox"/> NO	

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Annexure III:

Application Form for MPLS Leased Line/VSAT

(On Members' Letter Head)

Date:

To:

Ace Derivatives and Commodity Exchange Limited
 4th Floor, Building No. 4, Infinity IT Park,
 Gen. A. K. Vaidya Marg,
 Malad (East),
 Mumbai 400 097
 Fax No.: 022-66709292

Dear Sir,

Sub: Application for MPLS Leased Line/VSAT Connectivity

This has reference to your circular no. _____ dated _____ for the purpose of MPLS Leased Line/VSAT connectivity through Sify Technology Limited to the ACE trading system. We desire to avail the said facility. Please find below the details of the locations, contact persons and site telephone numbers where we require the circuits to be terminated.

1.	Name of Trading Member		
2.	Member ID		
3.	Billing Address		
4.	Contact Person at Billing Address	Name:	
		Email:	

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		Mobile:	
		Landline:	
		Fax:	
5.	Site Address		
6.	Contact Person at Site Address	Name:	
		Email:	
		Mobile:	
		Landline:	
		Fax:	
7.	Connectivity Type	<input type="checkbox"/> MPLS Leased Line (wireline) <input type="checkbox"/> MPLS Leased Line (wireless) <input type="checkbox"/> VSAT MPLS LL Bandwidth: Kbps/Mbps VSAT Bandwidth 5 Kbps (Interactive)	
8.	Router required (optional)	<input type="checkbox"/> YES Cisco 1841 <input type="checkbox"/> NO	

A Cheque / D.D. amounting to (Rupees
..... only) in favour of 'Sify Technology Limited' payable at
Mumbai drawn on (Name of Bank)..... No..... dated
..... towards the above mentioned connectivity is enclosed.

(In case of multiple circuits, please enclose application form separately for each link)

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Yours faithfully,

(Name & Signature of the Authorized Signatory with Company Seal)

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Annexure IV:

**INSTRUCTIONS TO FILL UNDERTAKING FOR MPLS LEASED LINE, VSAT AND
INTERNET CONNECTIVITY**

1. This Undertaking has to be either franked or executed on a Non-Judicial stamp paper of Rs. 300/- or the value prevailing in the state, whichever is higher.
2. Please ensure that each and every blank in the undertaking is duly filled.
3. Please ensure that each and every handwritten detail filled is to be countersigned by the authorized signatories and to be rubber stamped.
4. Members are requested to obtain the signature of the authorized Signatories and rubber stamp on each and every page of the undertaking.
5. Obtain signature of two witnesses on the last page of undertaking.
6. In case of a corporate entity affix the common seal of the company on the last page of the undertaking.

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UNDERTAKING

(For Corporate, Partnership, Limited Liability Partnership, Individual/Proprietorship)

This Undertaking cum Indemnity is made on this the _____ day of _____ 20____ by _____, admitted as a Member of Ace Derivatives & Commodity Exchange Limited (ACE) and having his address/its registered office at _____ (hereinafter referred to as "Member" which expression shall unless repugnant to the context or meaning thereof shall include his/its heirs, successors, assigns and legal representatives) to and in favor of Ace Derivatives & Commodity Exchange Limited (ACE or the Exchange), a company incorporated under the Companies Act, 1956 having its registered office at Near Central Bank, Gandhi Road, Ahmedabad - 380001 (hereinafter referred to as " ACE " which expression shall unless repugnant to the context or meaning thereof shall mean and include its successors or assigns).

WHEREAS:

1. ACE has introduced a trading system for the purpose of providing a screen based trading facility for the whole territory of India, known as Automated Trading System (hereinafter referred to as "ATS").
2. ACE through its ATS has established trading facilities in the whole territory of India by setting up a central trading system at Mumbai connecting to members' workstations through an appropriate communication network known as "ACE-NET" using MPLS leased lines, Internet and VSAT network hereinafter referred to as the "connectivity" for the sake of brevity.
3. For the said network, ACE has appointed Sify Technologies Limited as a Service Provider who has been granted ISP/NLD/ILD license by the Department of Telecommunications ("DOT"), Government of India). Sify Technologies would act as a service provider and procure the connectivity for the members from any of the carriers such as Bharti/Tata/MTNL/BSNL etc.

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4. The Member intends to be connected to the ACE-NET through MPLS leased lines, VSAT procured through Sify Technologies Limited and/ or internet procured through any other Service Provider and ACE agrees to provide the said facility among other conditions, on the execution of this undertaking.

NOW IN CONSIDERATION OF ACE permitting me/us as a trading member to use the above mentioned ACE-NET, the undersigned UNCONDITIONALLY AND IRREVOCABLY UNDERTAKE AND AGREE:

- i. That ACE grants to me/us a revocable, non-exclusive and non-transferable entitlement to avail the Services of ACE-NET for its personal use only. I/We agree and undertake that access to and/or use of the Services shall be deemed unconditional acceptance of the Services by me/us.
- ii. That ownership of ACE-NET will remain with ACE and will not be transferable to me/us in any manner.
- iii. That Closed User Group for the ACE-NET will consist of ACE and its authorized members/users.
- iv. To procure the required connectivity through Sify Technologies Limited and make all the necessary payments to and follow up from time to time for installation, commissioning with Sify Technologies Limited and shall submit all the required documents to ACE/ Sify Technologies Limited immediately.
- v. To take all the necessary measures to shift the connectivity at my/our own cost (including the cost of any extra equipment, if required) to the new location of ACE as and when intimated and shall not hold ACE responsible for any stoppage of trading through such connectivity during the shifting period for any reason whatsoever.

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- vi. That I/We shall do all necessary follow-ups with Sify Technologies Limited in case of shifting of my/our operation to other locations and shall pay the necessary charges to Sify Technologies Limited for the shifting of such connectivity.
- vii. To use ACE-NET and all related or connected equipment only for the purposes prescribed and approved by ACE.
- viii. To hire MPLS Leased Line circuit / VSAT for a minimum period as may be prescribed by the service providers from time to time.
- ix. To ensure that the operation of the systems / Equipment installed by me/us does not cause any harm/loss to the Department of Telecommunication/Bharti/Tata/BSNL/MTNL or ACE or Sify Technologies Limited.
- x. To procure and use only Sify Technologies Limited/ACE approved equipment for the purpose of being connected to the ACE-NET.
- xi. To use ACE-NET subject to the condition that the license issued by the Director General, Department of Telecommunication may be amended or altered from time to time and is issued only for the specific approved systems / equipment / circuits / services and users and subject to the condition that the Director General, Department of Telecommunication, reserves the right to revoke the license suo moto at any time.
- xii. To use ACE-NET subject to the provisions of the Indian Telegraph Act, 1885, The Indian Telegraph Rules, The Indian Wireless Telegraphy Act 1933 and all other Rules and Business Rules and relevant laws which shall be applicable and shall be complied with.

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- xiii. To use all communications through ACE-NET for the exclusive in house communication of only approved users of the ACE-NET and in no way, at no place and at no time to connect to Public Telecommunications /Telex /Data /Telephone Network of Department of Telecommunication /MTNL /BSNL/ TTML or any network of any other party unless permitted to do so by Sify Technologies Limited upon permission to do so being granted to it by Department of Telecommunication.
- xiv. That ACE does not give any commitment/guarantees towards connectivity performance like response time, uptime etc.
- xv. That in case we use normal Internet to connect to ACE-NET and trading on ACE system, I /We am/are fully aware of and understand the risks associated with availing of a service for routing orders over the internet including the risk of misuse and unauthorized use of its Username and Password by a third party and the risk of a person hacking into my/our log-in. I/We accept full responsibility for the monitoring and safeguarding of my/our log-in and shall bear entire risk, responsibility and liability for any and all unauthorized use and misuse of its Password and Username. I/We shall be solely responsible for the Services used by any person whosoever using my/our Username and Password whether or not such person was authorized to do so. I/We shall be responsible for the order placed and trades executed, clearing and settlement of all trades on behalf of my/our constituents done using my/our username and password and undertake not to hold ACE or Sify Technologies Limited liable for any loss or damage resulting from such use and misuse of Username and Password.
- xvi. To ensure that no communication/message which is prejudicial to the interests of the nation or to the security of India is passed over, through or on the connectivity or any part of ACE-NET.

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- xvii. That notwithstanding anything contained in the terms and conditions applicable for operation of ACE-NET, I/ We shall not carry such messages (e.g. Electronic Transfer of Funds), which are prohibited by law on any part of ACE-NET.
- xviii. To ensure that the connectivity and related equipment are installed and used only in the approved premises under my/our control only by persons authorized or approved by ACE and to take all responsibility for authorized or unauthorized use of the ACE-NET through the connectivity and related equipment.
- xix. I/ we will ensure that the data communication link between the Exchange's equipment and Trader Workstation installed at my / our premises shall be used on point-to-point basis only. I/We shall further ensure that the above link will not be connected to any other telecommunication network and I/We shall indemnify the Exchange against any loss or damage including liabilities arising out of failure to comply with the above
- xx. That in case of problems related to the connectivity with the trading system, I/We shall endeavor to diagnose with help of ACE / Sify Technologies Limited officials and confirm to ACE that the connectivity link is functioning normally. In case ACE is not satisfied about the same, I/We also shall send a representative to ACE to demonstrate the same, if required.
- xxi. That in case of ACE running its live trading operations or conducting tests from its disaster recovery site, I/We am/are not entitled to and shall not be provided with the connectivity to ACE's trading facility through the same connectivity. However, ACE may divert the MPLS network traffic to disaster recovery site.
- xxii. That ACE/Sify Technologies Limited shall not be liable for any stoppage in trading activities owing to objections from any regulatory authorities. ACE/ Sify Technologies Limited shall also not be liable for any direct or indirect damages or losses suffered

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by me/us, for whatsoever reason including owing to system failure or loss of connectivity due to any reason

- xxiii. That I/We shall not alienate or part with any portion of the equipment supplied by Sify Technologies Limited /equipment of the ACE-NET in any manner whatsoever including by way of Mortgage, Hypothecation, Pledge, Exchange, Gift, Lease, License, Agency etc.
- xxiv. That I/We shall be responsible and shall take all such steps, actions and proceedings to ensure and keep ensured that the ACE-NET is not accessible outside the approved premises and is not subjected to un-authorized use.
- xxv. To provide the Telecom Engineering Centre (TEC) approved equipment and cables at my/our end for the leased connectivity between the trading system and my/our premises.
- xxvi. That I/We shall provide ACE with Technical specifications of the software used for accessing the ACE-NET and shall carry out the necessary changes, either technical or structural, as may be directed by ACE for any reason whatsoever.
- xxvii. That the trading facility through the connectivity may be withdrawn by ACE at any point of time at its own discretion without assigning any reason whatsoever.
- xxviii. That the ACE may at any time amend these terms, by modifying or rescinding any of the existing provisions or conditions or by adding any new provisions or conditions.
- xxix. That to completely indemnify, defend and hold harmless ACE

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4th Floor, Building No. 4, Infinity IT Park,
Gen. A. K. Vaidya Marg, Malad (East), Mumbai 400 097
Tel : 022-66709200, Fax : 022-66709290 Website : www.aceindia.com

its affiliates, officers, directors, employees, and agents, from any and all losses, expenses, third party claims, liability, damages and/or costs (including, but not limited to, attorneys' fees) arising from my/our use of the Services or its use by any of his authorized user/s or for their negligence or failure for taking adequate safeguards for preventing any loss to ACE. I/We shall also indemnify and shall be responsible for all use of this service and/or the violation of any of the provisions of this undertaking by me/us or my/ our authorized user /s. including without limitation infringement of any statutory requirements.

- xxx. That not to hold ACE or Sify Technologies Limited responsible for any direct/indirect/consequential, harm/loss/damage of any kind to the user/users of ACE-NET on account of any interruption of ACE systems or network or the connectivity as the ACE does not warrant that the service will be uninterrupted or error-free.
- xxxi. That I/We shall use ACE-NET subject to and in accordance with the Rules, Byelaws and Business Rules of ACE and such other conditions as may be prescribed by the service providers or ACE from time to time.
- xxxii. That to abide by the direction given by the exchange in the event of any contravention of any of the Bye-laws, Rules, Business Rules framed by ACE upon which ACE may adopt action including but not limited to disciplinary or legal or impose any other penalty which ACE may deem necessary, which shall include the right of ACE to demand any amount of monetary compensation for any default on my /our part and in the event of a default in payment by me/us, may be adjusted by ACE at its discretion against my/our security deposit with ACE.
- xxxiii. That this undertaking cum Indemnity be governed by and construed in accordance with the laws of India, without regard to the principles of conflict of laws and courts of Mumbai shall have exclusive jurisdiction. .

Signed and delivered by the within named Trading Member

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WITNESSES

Signature

(1) NAME

ADDRESS:

Signature

(2) NAME:

ADDRESS:

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Annexure V:
1. MPLS Leased Line (wireline) Charges Except for Mumbai, New Mumbai

			Charges with Taxes (Rupees.)	
One Time Charges	Cisco 1841 (applicable if router is to be procured from Exchange)		77,000**	
	Installation charges		16,545	
			Tata / Bharti	MTNL/ BSNL
Annual Recurring Charges	Bandwidth & Local Lead Charges	256Kbps	72,798	158,832
		512Kbps	108,646	261,411
		1Mbps	159,935	341,930
		2 Mbps	231,630	487,526
	Router Management		11,030*	
Router AMC (applicable if procured from Exchange)	2nd year & onwards	7,100		

2. MPLS Leased Line (wireless) Charges Except for Mumbai, New Mumbai

			Charges with Taxes (Rupees)	
One Time Charges	Cisco 1841 (applicable if router is to be procured from Exchange)		77,000**	
	Installation Charges		27,575	
			SIFY	
Annual Recurring Charges	Bandwidth & Local Lead Charges	256Kbps	66,180	
		512Kbps	92,762	
		1Mbps	138,757	
		2 Mbps	220,600	
	Router Management		11,030*	
Router AMC (applicable if procured from Exchange)	2nd year & onwards	7,100		

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3. MPLS Leased Line (wireline) Charges for Mumbai, New Mumbai

			Charges with Taxes (Rupees)	
One Time Charges	Cisco 1841 (applicable if router is to be procured from Exchange)		77000**	
	Installation of Charges		16,545	
			Tata/Bharti	MTNL/BSNL
Annual Recurring Charges	Bandwidth & Local Lead Charges	2 Mbps	49,635	97,064
	Router Management		11,030*	
	Router AMC (applicable if procured from Exchange)	2nd year & onwards	7,100	

4. MPLS Leased Line (wireless) Charges for Mumbai, New Mumbai

			Charges with Taxes (Rupees)	
One Time Charges	Cisco 1841 (applicable if router is to be procured from Exchange)		77000**	
	Installation Charges		27,575	
			SIFY	
Annual Recurring Charges	Bandwidth & Local Lead Charges	2 Mbps	55,150	
	Router Management		11,030*	
	Router AMC (applicable if purchased from Exchange)	2nd year & onwards	7,100	

**The following components will be provided with the Router

CISCO1841	Modular Router w/2xFE, 2 WAN slots, 32 FL/128 DR
CAB-IND-10A	10A Power cable for India
HWIC-IT	1-Port Serial WAN Interface Card

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CAB-SS-V35MT	V.35 Cable, DTE Male to Smart Serial, 10 Feet
S184IPB-12415T	Cisco 1841 IOS IP BASE W/O CRYPTO
MEM1800-64CF	64MB Cisco 1800 Compact Flash Memory
MEM1841-128U256D	128 to 256 MB SODIMM DRAM factory upgrade for the Cisco 1841
CCP-CD	Cisco Config Professional on CD, CCP-Express on Router Flash

*Applicable irrespective of whether the member buys router from Sify or from its own vendor.

Sify will provide the following services against Router Management Charges:

- Router configuration management
- Performance management
- Problem management
- Change management
- Vendor management if procured from Sify
- Router management scope does not include hardware AMC.

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Annexure – VI:

Minimum Router Configuration

Make & model : CISCO 1841 Router with 2 (10/100 T) Ethernet Interfaces

Interfaces : 1 -port serial WAN interface card

IOS version : Multicast Supporting (SP based IOS 12.4) or above

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

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Annexure VII:

Exchange Customer Service Group Tel: 022-66709201

The helpdesk can be reached by any one of the following modes:

Telephone (Toll Free Access)	1600 345 3330 (Delhi / Mumbai) 1901 425 3330 (Rest of India)
Email ID	Helpdesk@sifycorp.com Tier1thd@sifycorp.com

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Annexure VIII:

Site Readiness Checklist

The Member availing the facility shall ensure the following:

1. For last mile connectivity on Wireless

a) Roof-top permission to erect poll or mast (height would be known after the feasibility check).

b) Cable pulling permission from antenna till Router.

c) Telecom earthing (<2 v).

d) Separate earthing on rooftop for Wireless.

2. For last mile connectivity on Wireline

For the purpose of installing last mile connectivity on Wireline, cable pulling permission up to modem is required.

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