Annexure 1

NTT NETMAGIC IT SERVICES PVT. LTD.

Following are the details of the data centre services which will be provided by Netmagic to members of exchange -

Server and Solarflare Card configuration:

S.No.	Hardware Name	Description
1	Ultranet Server	2 X Intel Xeon E5-2630V2 or higher dual socket server,64 GB RAM,6 X 300 GB 15K SAS HDD, RAID 5, 4 X 1 G NIC Ports, DVD, Cent OS, Mcafee Antivirus for CentOS, Redundant power supply, Remote management, 3years comprehensive onsite warranty, 6hrs CTR
2	Solarflare card	Model No SFN7322F with 2 SFPs Dual-Port 10GbE PCLe 3.0, PTP Server I/O Adapter with Hardware Time Stamping

1. The servers will include - Windows / Linux (Windows 2008 (standard edition), IIS Web server, VNC, Latest Patches and upgrades OR CentOS, Apache Webserver, Latest Patches and upgrades), OS Management, McAfee Antivirus for Windows/ ClamAV for Linux.
2. The above mentioned server will be provided by Netmagic IT Services Pvt Ltd. (hereafter referred to as 'Netmagic').

Racks:
There are 3 types of racks provided by Netmagic. Members can apply for the rack type as per their requirement.
   1. Quarter Rack with 10 Gbps Fibre Link
   2. Half Rack with 10 Gbps Fibre Link
   3. Full Rack with 10 Gbps Fibre Link

Connectivity:

The members, who utilize the facilities of the colocation, will also be provided with the following services to connect to their servers:-

1. Remote Secure Access (1 Mbps Internet connection with Firewall)
2. Additional 1 Mbps Capped Internet Bandwidth
3. Cross Connect for copper including Patch Cord

Other terms and conditions:

1. While the Exchange is availing the service of Netmagic for the purpose of providing the facilities under the Technology Programme to its members, it should not be construed that the co-location facility or any technical service is provided by BSE to the members. It may further be noted that the colocation facility available in BSE premises is entirely provided and managed by Netmagic, a third party datacenter service provider.
2. If members want to deploy any hardware, software or any other facility not provided under Technology Programme then they may procure the required facilities on their own and deploy at the racks located at Netmagic colocation Data Centre on such terms and conditions as agreed between the concerned member and Netmagic or any other service provider.
3. BSE will not be responsible for any service taken from Netmagic or any other service provider.
4. While BSE has obtained service of Netmagic for the purpose of Technology Programme, it does not guarantee hardware performance under Technology Programme.
5. The delivery time by Netmagic from the date of application by member for the colocation services is as follows:-
   Servers, Racks with Remote secure access (Internet connectivity with firewall) – 2 Working Days.
6. In case member wants to discontinue the services, they are required to give 30 days prior notice to BSE by sending an email to their respective Relationship Manager and Technology Programme team **(Email id: tech.prog@bseindia.com)**
7. The members who avail the facility of Servers would have a minimum lock in period of 6 months before they can discontinue the same. In case of early exit remaining months charges shall be paid by BSE.
8. Members will communicate about the activation or deactivation of services to BSE only.
9. Any communication directly between members and Netmagic will not be entertained by BSE.
10. For more details on the Netmagic colocation datacenter features, please refer to the URL: http://www.bseindia.com/products_and_services/colocation.aspx?expandable=1
11. Please refer to the FAQ documents for more details on the Colocation services, as attached with this notice:
    a) Netmagic Colocation services
    b) 10G Colocation network
    c) Precision Time Protocol (PTP) facility